

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078510.D
 Acq On : 22 Feb 2024 11:44
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 01:00:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	125871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	209085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69177	50.829	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.660%	
35) Dibromofluoromethane	7.810	113	79535	59.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.760%	
50) Toluene-d8	10.269	98	307148	57.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.620%	
62) 4-Bromofluorobenzene	12.575	95	89474	57.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66015	53.230	ug/l	99
3) Chloromethane	2.152	50	118032	51.787	ug/l	98
4) Vinyl Chloride	2.287	62	183000	52.619	ug/l	96
5) Bromomethane	2.693	94	133042	55.420	ug/l	98
6) Chloroethane	2.840	64	132836	52.379	ug/l	98
7) Trichlorofluoromethane	3.175	101	122888	52.380	ug/l	100
8) Diethyl Ether	3.593	74	35344	52.304	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	77562	52.405	ug/l	98
10) Methyl Iodide	4.163	142	78316	59.079	ug/l	93
11) Tert butyl alcohol	5.058	59	18209	246.784	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	74011	53.938	ug/l	95
13) Acrolein	3.805	56	26776	212.963	ug/l	97
14) Allyl chloride	4.563	41	85023	50.157	ug/l	93
15) Acrylonitrile	5.258	53	74729	258.330	ug/l	99
16) Acetone	4.028	43	68234	262.126	ug/l	88
17) Carbon Disulfide	4.275	76	219403	47.519	ug/l	97
18) Methyl Acetate	4.569	43	61908	61.513	ug/l	95
19) Methyl tert-butyl Ether	5.322	73	153908	52.793	ug/l	98
20) Methylene Chloride	4.805	84	87830	57.428	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	86539	53.610	ug/l	99
22) Diisopropyl ether	6.216	45	194741	52.123	ug/l	98
23) Vinyl Acetate	6.157	43	366540	238.739	ug/l	98
24) 1,1-Dichloroethane	6.116	63	140176	52.962	ug/l	97
25) 2-Butanone	7.081	43	92627	269.873	ug/l #	82
26) 2,2-Dichloropropane	7.081	77	119577	53.894	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	95758	54.069	ug/l	97
28) Bromochloromethane	7.428	49	46359	44.223	ug/l	90
29) Tetrahydrofuran	7.452	42	52632	260.041	ug/l	95
30) Chloroform	7.604	83	152969	54.625	ug/l	93
31) Cyclohexane	7.875	56	107134	46.535	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	128871	53.976	ug/l	99
36) 1,1-Dichloropropene	8.010	75	114276	55.386	ug/l	98
37) Ethyl Acetate	7.169	43	39664	54.840	ug/l	93
38) Carbon Tetrachloride	7.999	117	116468	57.000	ug/l	98
39) Methylcyclohexane	9.275	83	136232	55.618	ug/l	92
40) Benzene	8.252	78	333713	55.957	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	20119	53.450	ug/l	# 94
42) 1,2-Dichloroethane	8.328	62	83895	54.368	ug/l	97
43) Isopropyl Acetate	8.363	43	70133	52.365	ug/l	96
44) Trichloroethene	9.034	130	90817	59.691	ug/l	98
45) 1,2-Dichloropropane	9.304	63	80896	55.286	ug/l	99
46) Dibromomethane	9.399	93	46790	56.852	ug/l	92
47) Bromodichloromethane	9.587	83	116209	57.007	ug/l	97
48) Methyl methacrylate	9.381	41	41315	58.145	ug/l	85
49) 1,4-Dioxane	9.387	88	10791	1210.712	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	190470	267.953	ug/l	93
52) Toluene	10.334	92	215014	57.013	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	104443	56.151	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	125595	55.685	ug/l	# 92
55) 1,1,2-Trichloroethane	10.734	97	64417	58.120	ug/l	95
56) Ethyl methacrylate	10.598	69	51602	50.340	ug/l	94
57) 1,3-Dichloropropane	10.881	76	104397	55.372	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	157195	260.341	ug/l	99
59) 2-Hexanone	10.922	43	141293	264.495	ug/l	94
60) Dibromochloromethane	11.075	129	77823	58.358	ug/l	96
61) 1,2-Dibromoethane	11.181	107	59245	56.938	ug/l	99
64) Tetrachloroethene	10.810	164	72117	59.063	ug/l	95
65) Chlorobenzene	11.610	112	228671	58.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	85229	59.675	ug/l	95
67) Ethyl Benzene	11.687	91	412533	59.243	ug/l	97
68) m/p-Xylenes	11.793	106	327292	120.498	ug/l	93
69) o-Xylene	12.122	106	149879	60.467	ug/l	95
70) Styrene	12.134	104	230675	57.023	ug/l	98
71) Bromoform	12.298	173	45434	60.439	ug/l	# 98
73) Isopropylbenzene	12.422	105	399371	59.101	ug/l	96
74) N-amyl acetate	12.234	43	63118	49.373	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	72678	54.219	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	84319	98.693	ug/l	# 100
77) Bromobenzene	12.698	156	93105	58.627	ug/l	93
78) n-propylbenzene	12.763	91	480580	57.069	ug/l	97
79) 2-Chlorotoluene	12.851	91	253265	56.152	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	329665	58.752	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	22155	53.835	ug/l	95
82) 4-Chlorotoluene	12.945	91	270863	55.915	ug/l	98
83) tert-Butylbenzene	13.169	119	289289	61.132	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	335966	58.996	ug/l	96
85) sec-Butylbenzene	13.345	105	424032	57.778	ug/l	95
86) p-Isopropyltoluene	13.463	119	380216	60.826	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	195451	57.664	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	189869	57.011	ug/l	98
89) n-Butylbenzene	13.787	91	346567	57.521	ug/l	99
90) Hexachloroethane	14.051	117	72420	56.368	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	166421	58.470	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9495	54.097	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	98725	59.019	ug/l	99
94) Hexachlorobutadiene	15.204	225	51934	59.481	ug/l	97
95) Naphthalene	15.333	128	185098	59.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	88572	62.477	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

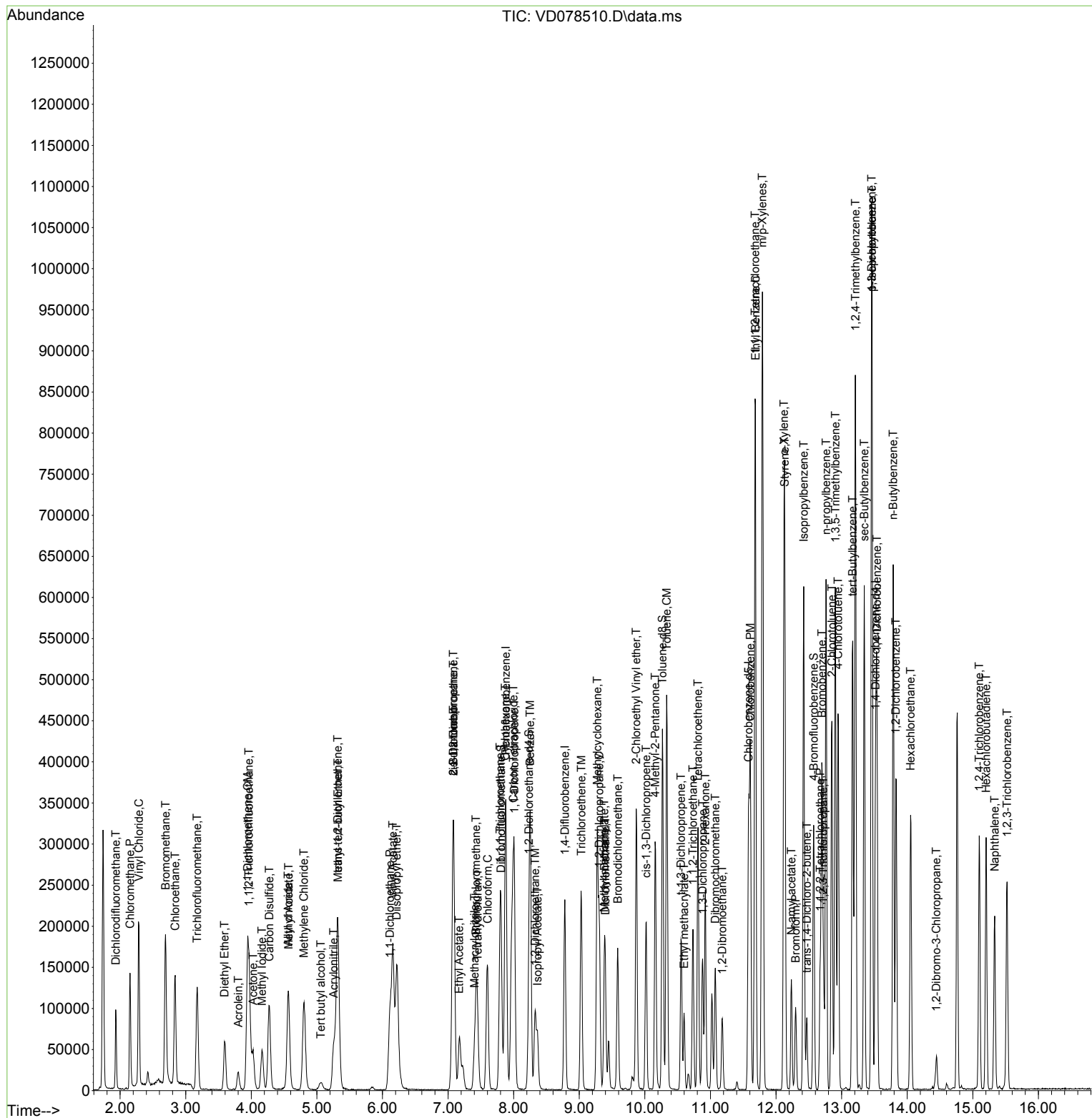
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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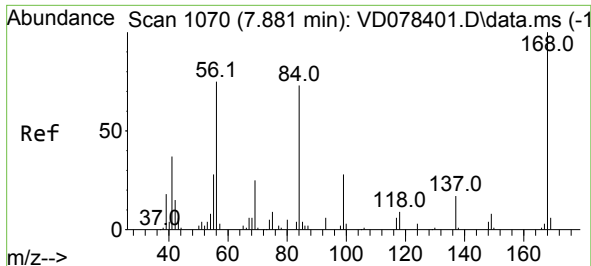
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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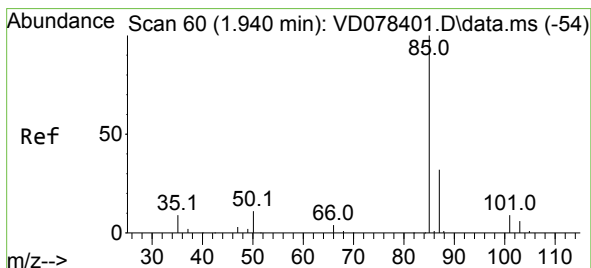
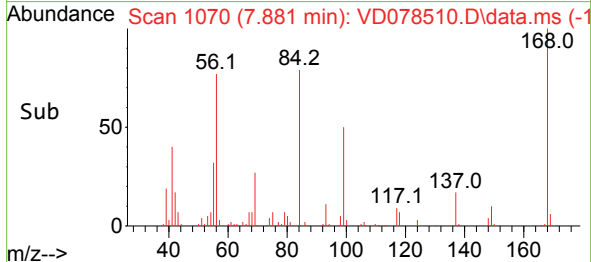
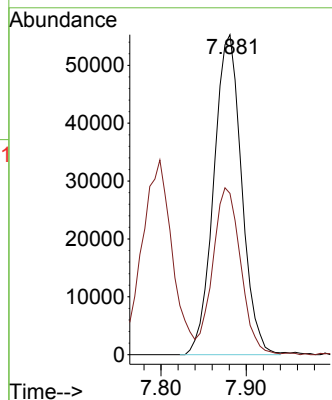
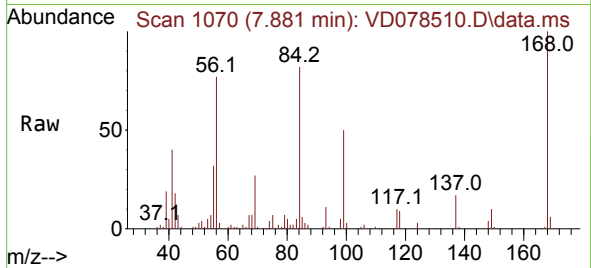




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. -0.000 min
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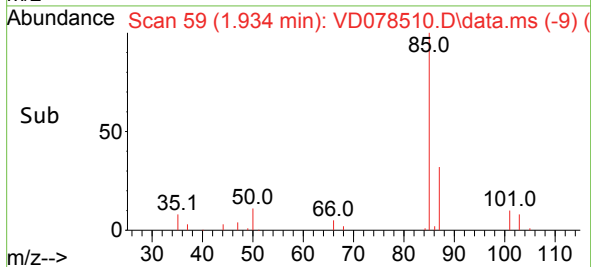
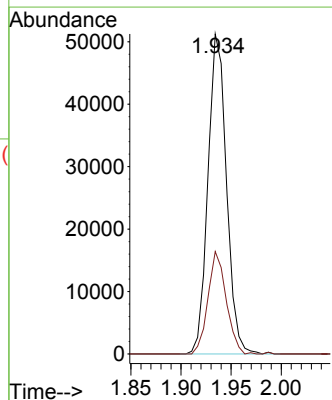
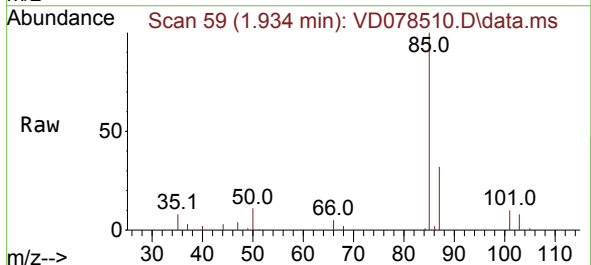
Instrument :
MSVOA_D
ClientSampleId :

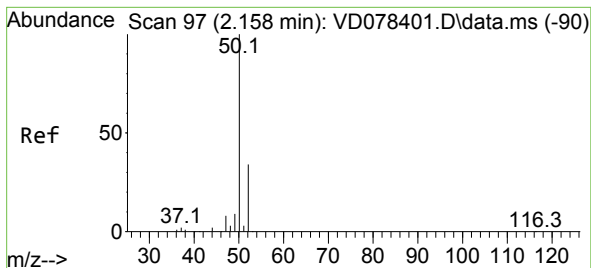
Tgt Ion:168 Resp: 125871
Ion Ratio Lower Upper
168 100
99 50.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 53.230 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 85 Resp: 66015
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3

Chloromethane

Concen: 51.787 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

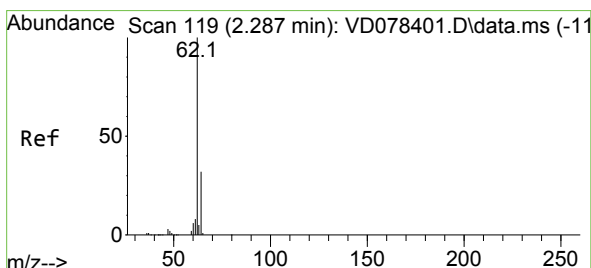
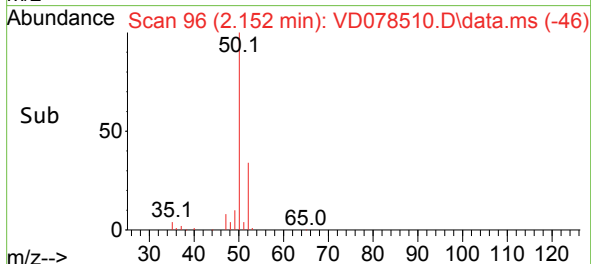
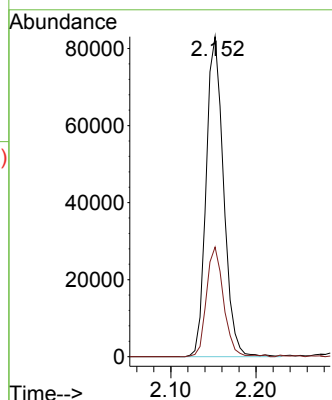
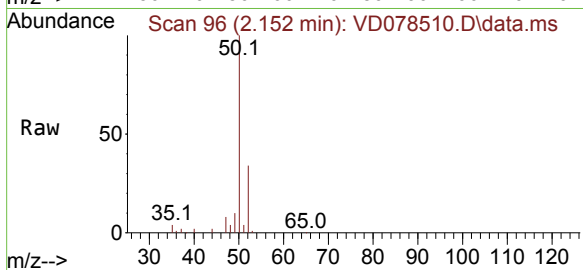
ClientSampleId :

Tgt Ion: 50 Resp: 118032

Ion Ratio Lower Upper

50 100

52 34.2 26.6 40.0



#4

Vinyl Chloride

Concen: 52.619 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078510.D

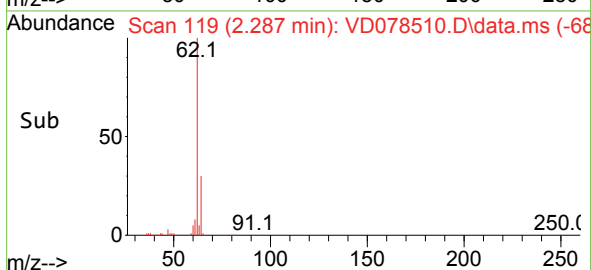
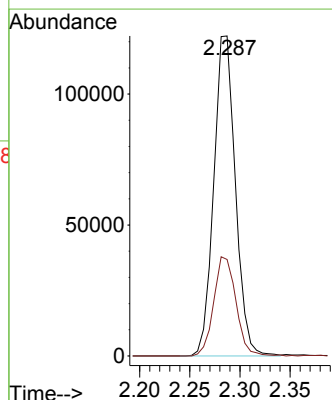
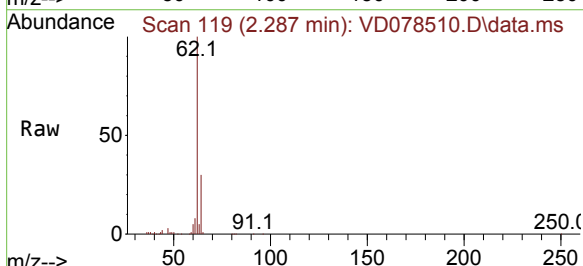
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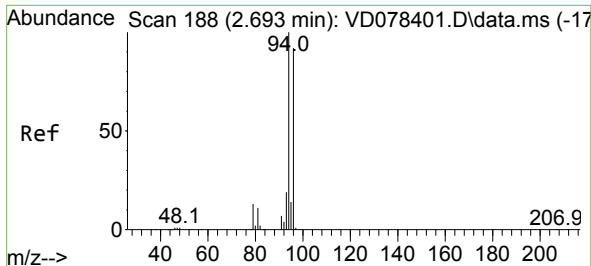
Tgt Ion: 62 Resp: 183000

Ion Ratio Lower Upper

62 100

64 30.1 26.0 39.0

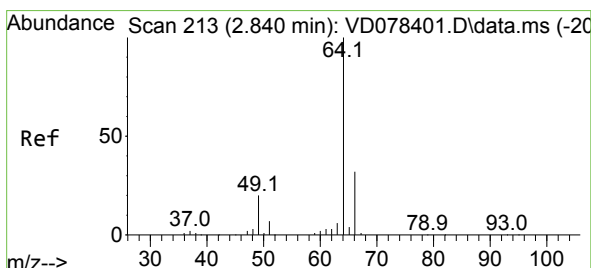
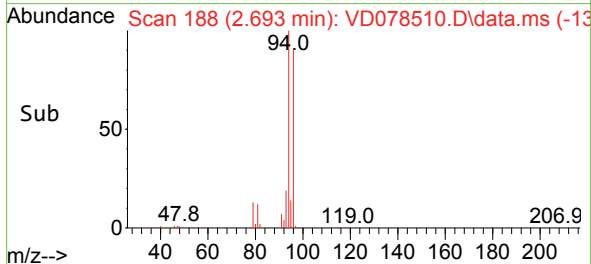
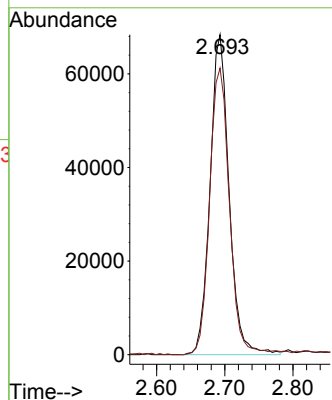
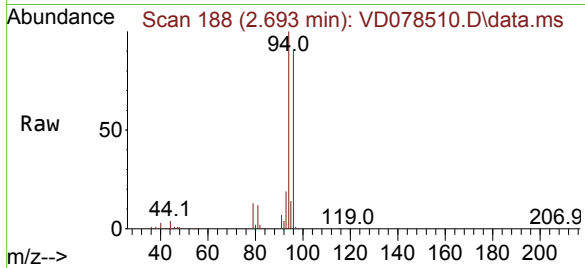




#5
Bromomethane
Concen: 55.420 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

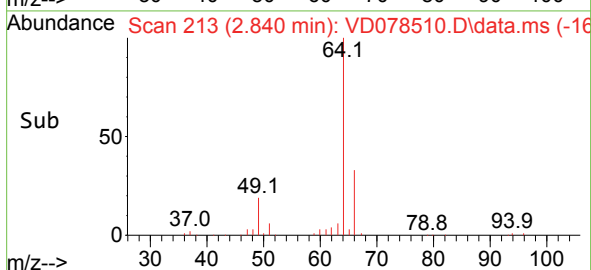
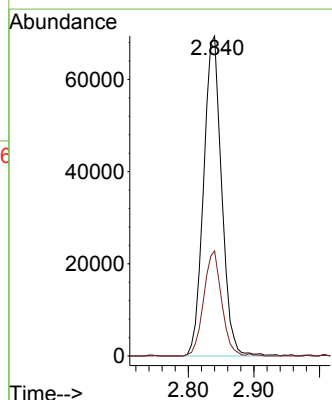
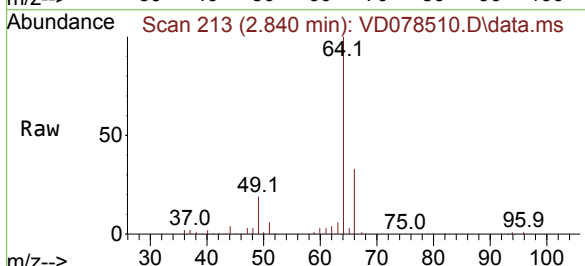
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 133042
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.8



#6
Chloroethane
Concen: 52.379 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 64 Resp: 132836
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

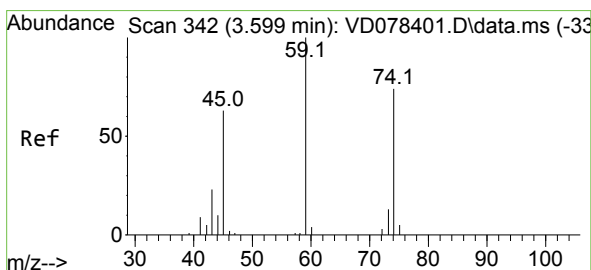
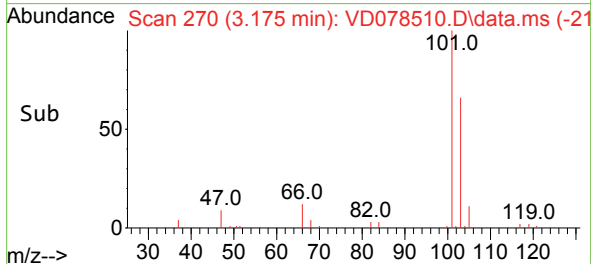
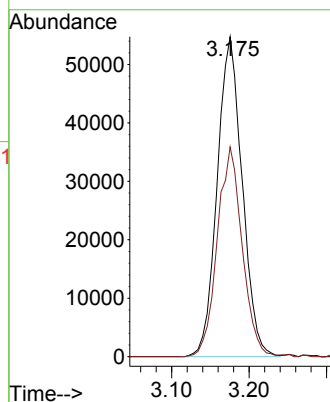
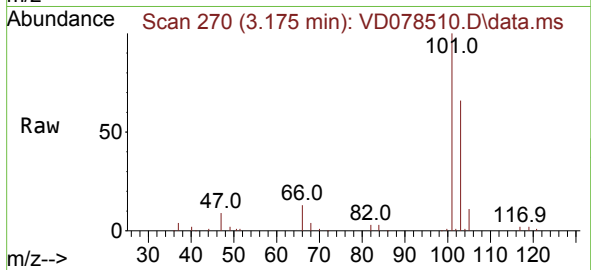




#7
Trichlorofluoromethane
Concen: 52.380 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

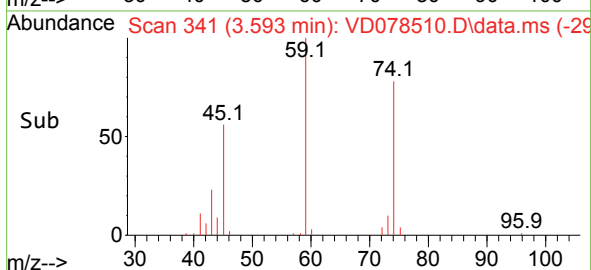
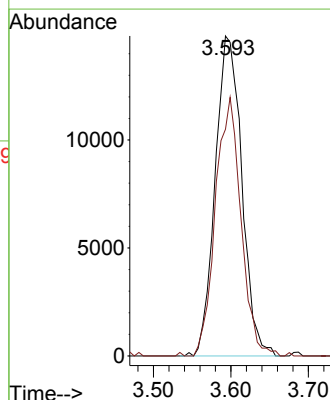
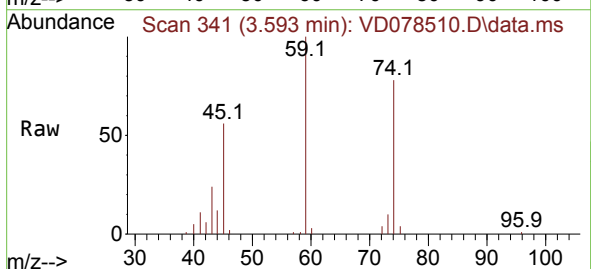
Instrument :
MSVOA_D
ClientSampleId :

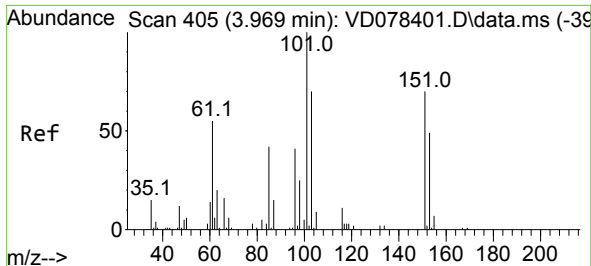
Tgt Ion:101 Resp: 122888
Ion Ratio Lower Upper
101 100
103 65.6 52.3 78.5



#8
Diethyl Ether
Concen: 52.304 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078510.D
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Tgt Ion: 74 Resp: 35344
Ion Ratio Lower Upper
74 100
45 77.6 37.5 112.7

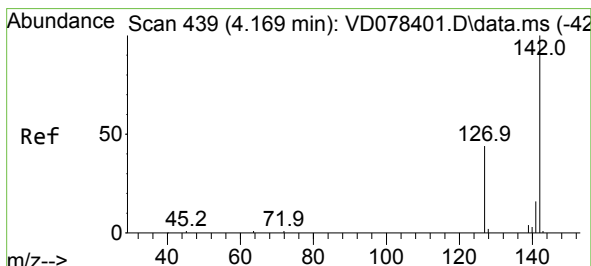
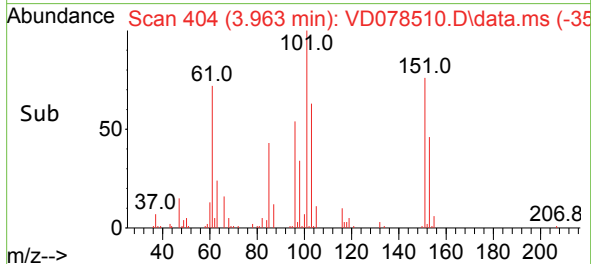
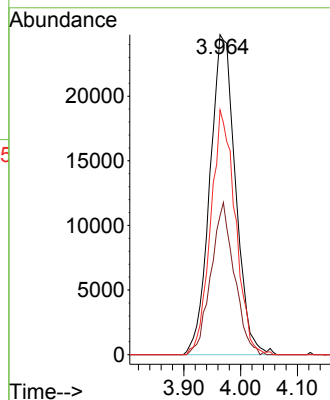
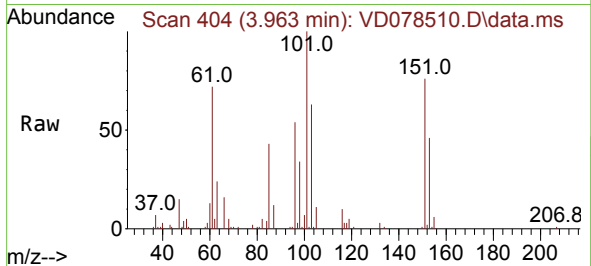




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.405 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

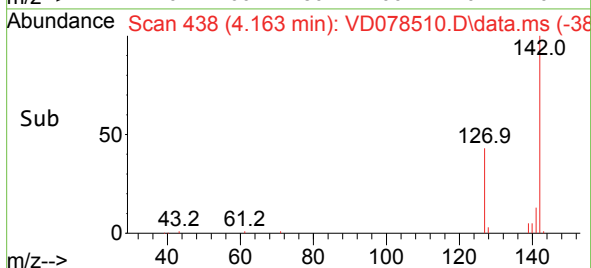
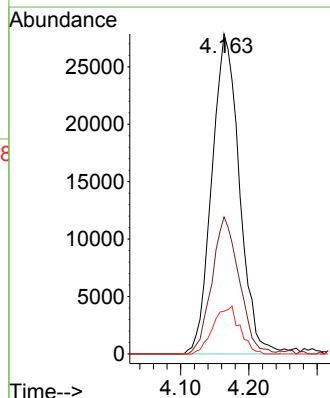
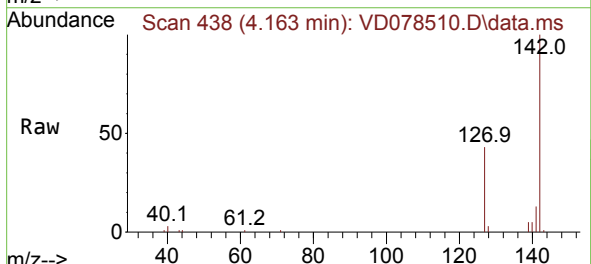
Instrument :
MSVOA_D
ClientSampleId :

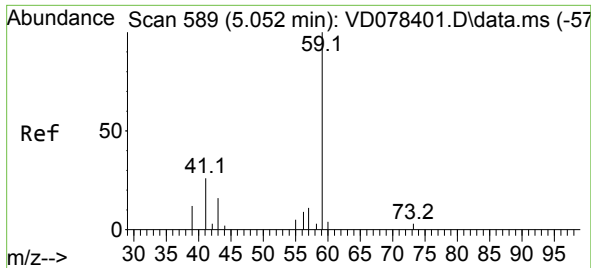
Tgt Ion:101	Resp:	77562
Ion	Ratio	Lower Upper
101	100	
85	43.4	33.8 50.6
151	73.4	59.8 89.6



#10
Methyl Iodide
Concen: 59.079 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

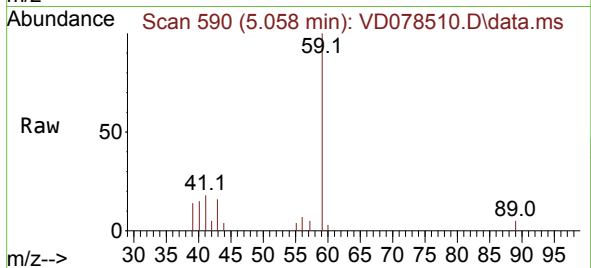
Tgt Ion:142	Resp:	78316
Ion	Ratio	Lower Upper
142	100	
127	42.5	29.4 44.0
141	14.4	11.1 16.7



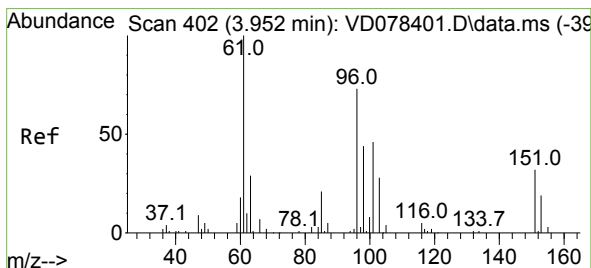
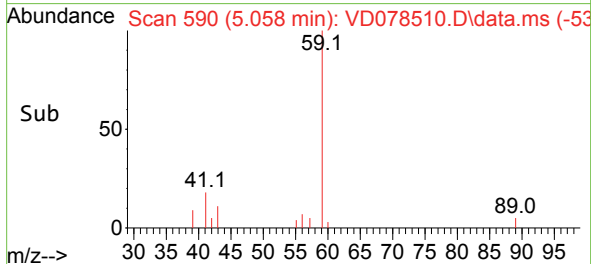
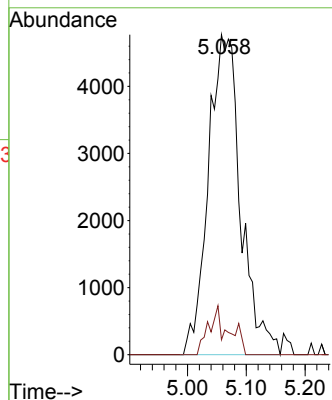


#11
Tert butyl alcohol
Concen: 246.784 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Instrument :
MSVOA_D
ClientSampleId :

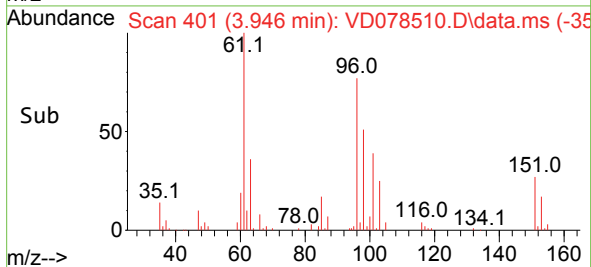
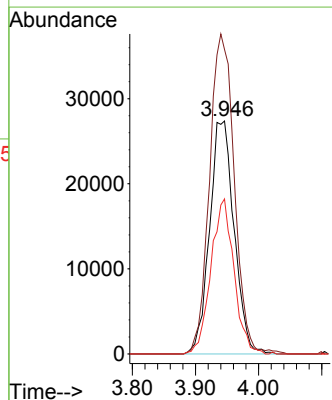
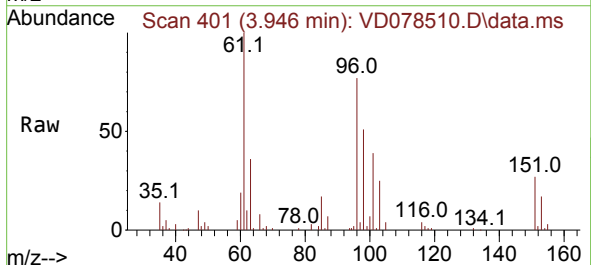


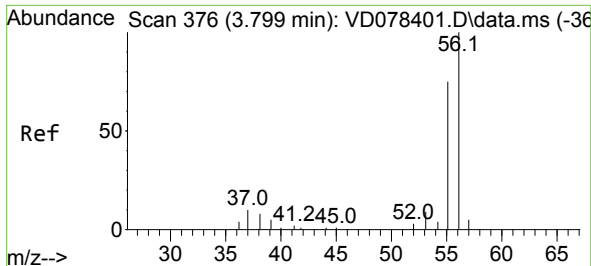
Tgt Ion: 59 Resp: 18209
Ion Ratio Lower Upper
59 100
57 6.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 53.938 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 96 Resp: 74011
Ion Ratio Lower Upper
96 100
61 130.7 100.6 150.8
98 66.5 50.2 75.2





#13

Acrolein

Concen: 212.963 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

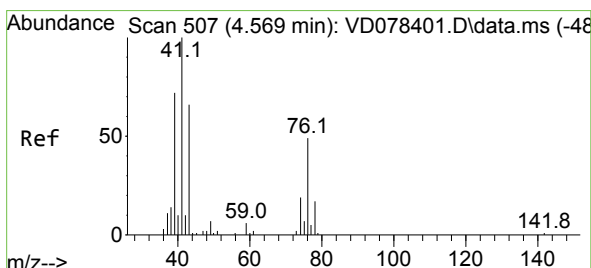
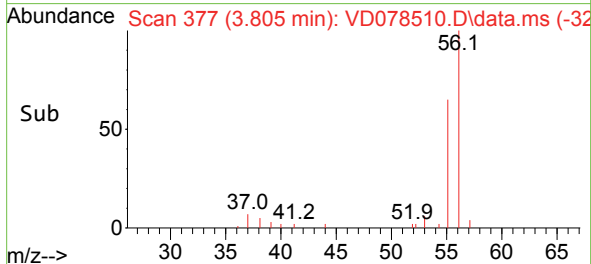
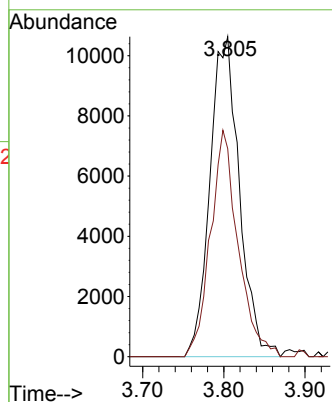
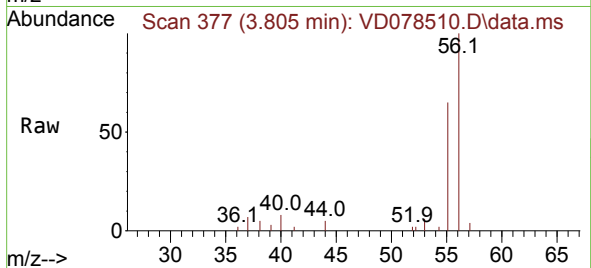
ClientSampleId :

Tgt Ion: 56 Resp: 26776

Ion Ratio Lower Upper

56 100

55 66.5 55.1 82.7



#14

Allyl chloride

Concen: 50.157 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

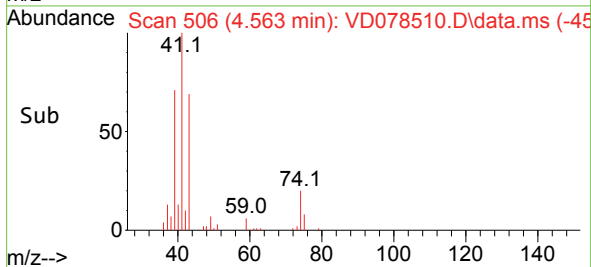
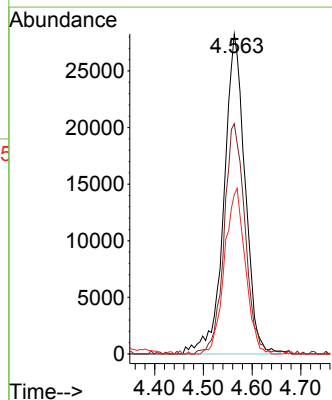
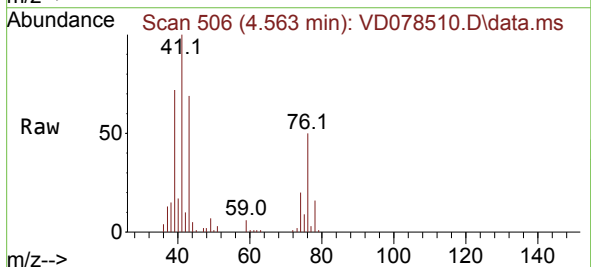
Tgt Ion: 41 Resp: 85023

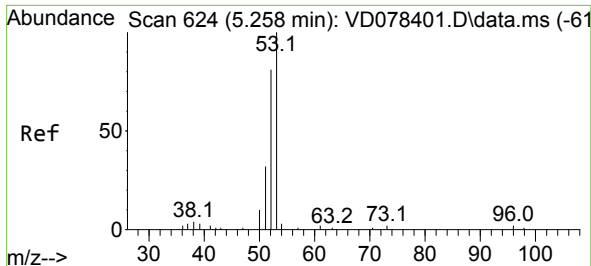
Ion Ratio Lower Upper

41 100

39 71.4 53.8 80.6

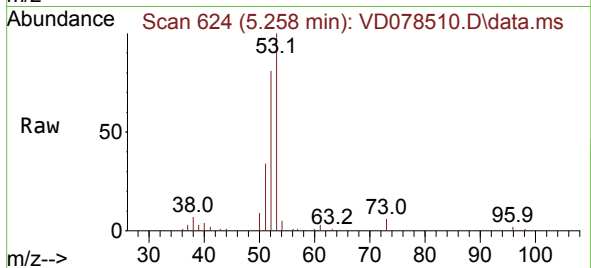
76 51.1 45.8 68.8



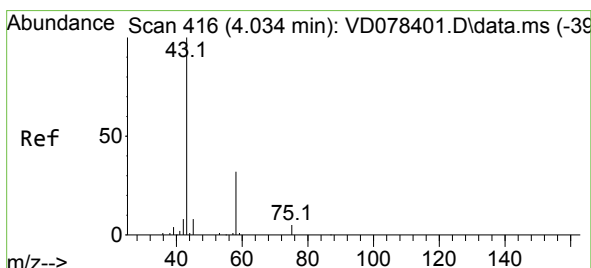
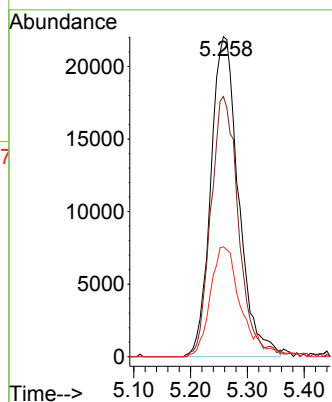
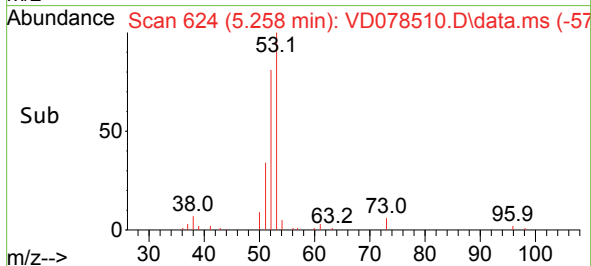


#15
Acrylonitrile
Concen: 258.330 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Instrument :
MSVOA_D
ClientSampleId :

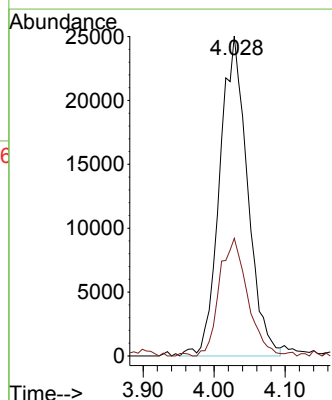
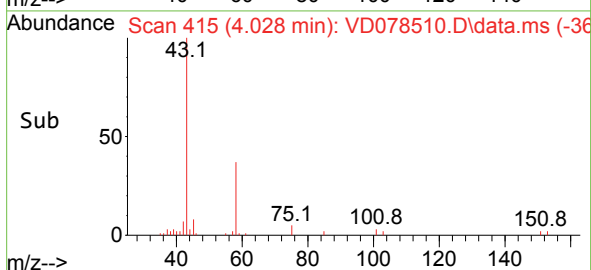
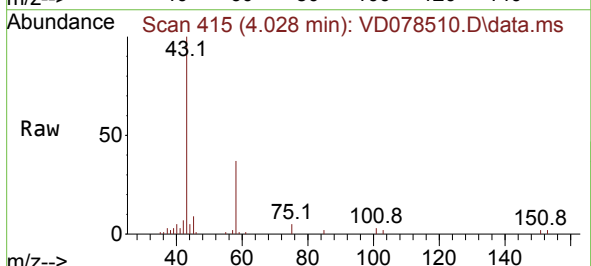


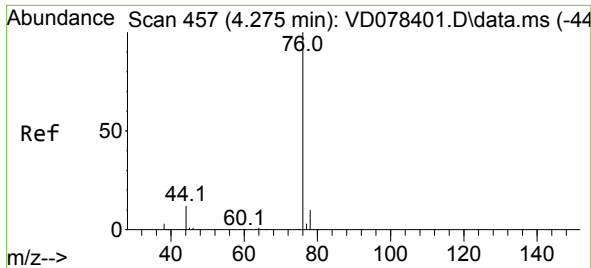
Tgt Ion:	53	Resp:	74729
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.0	97.4
51	37.8	28.3	42.5



#16
Acetone
Concen: 262.126 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion:	43	Resp:	68234
Ion	Ratio	Lower	Upper
43	100		
58	36.0	34.7	52.1

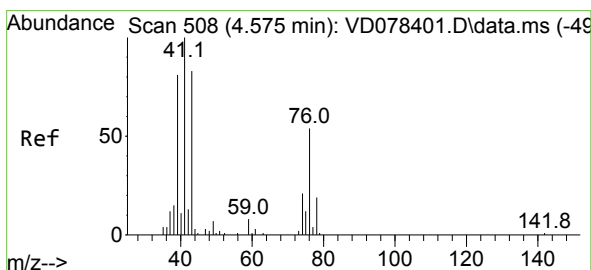
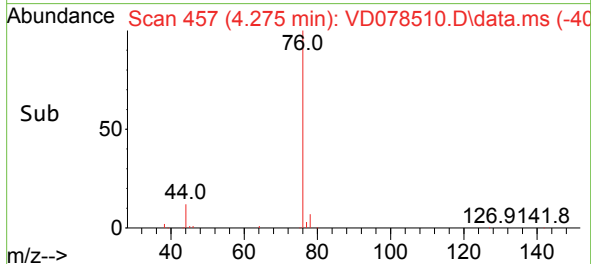
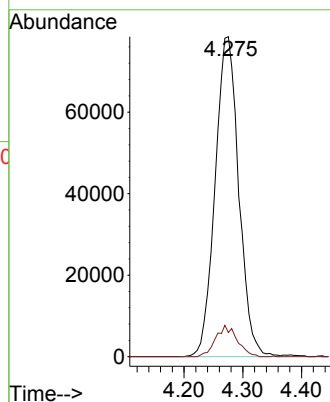
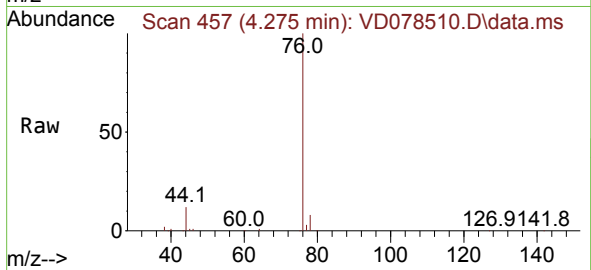




#17
Carbon Disulfide
Concen: 47.519 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

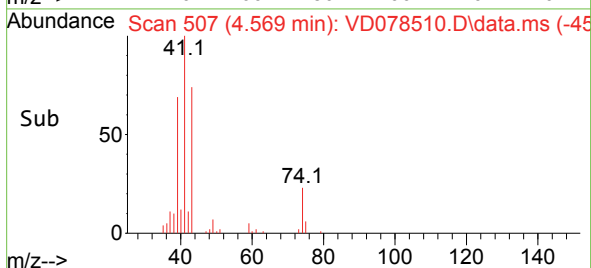
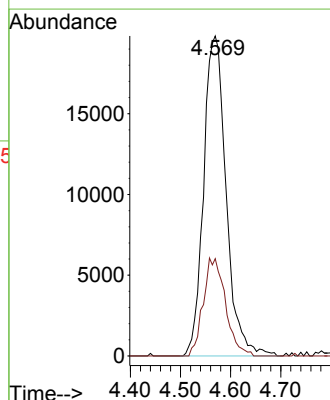
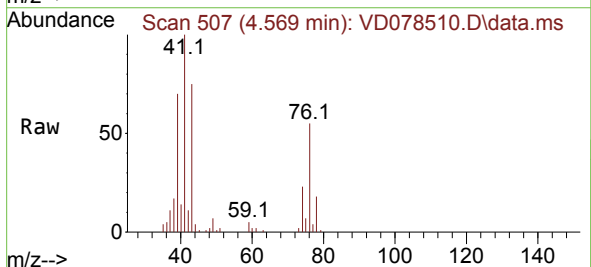
Instrument :
MSVOA_D
ClientSampleId :

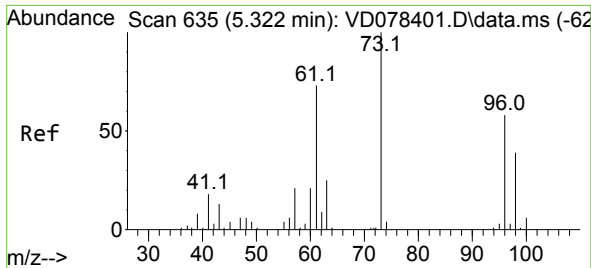
Tgt Ion: 76 Resp: 219403
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 61.513 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 43 Resp: 61908
Ion Ratio Lower Upper
43 100
74 30.2 26.4 39.6

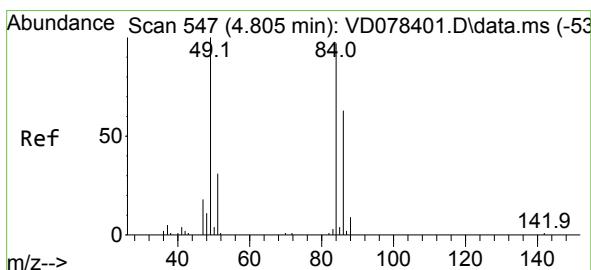
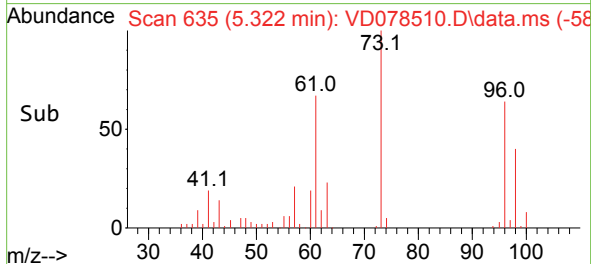
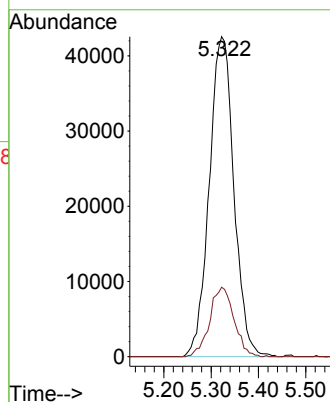
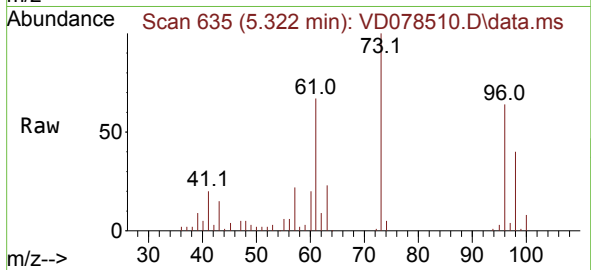




#19
Methyl tert-butyl Ether
Concen: 52.793 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

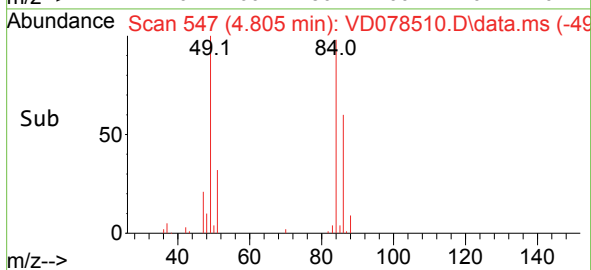
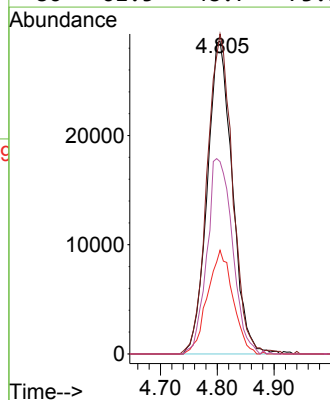
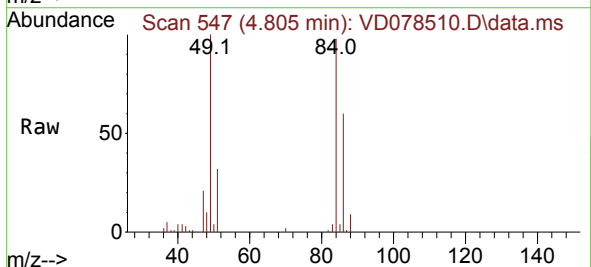
Instrument :
MSVOA_D
ClientSampleId :

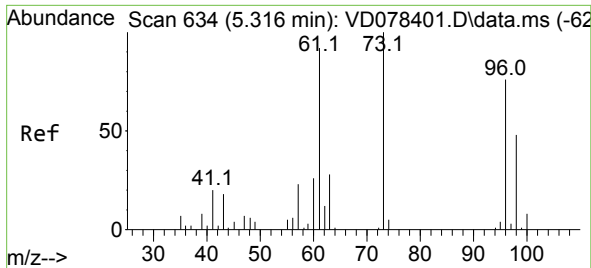
Tgt Ion: 73 Resp: 153908
Ion Ratio Lower Upper
73 100
57 21.7 16.6 25.0



#20
Methylene Chloride
Concen: 57.428 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

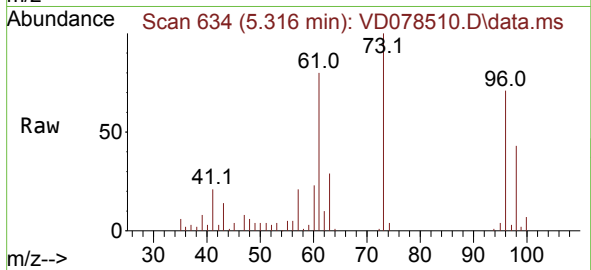
Tgt Ion: 84 Resp: 87830
Ion Ratio Lower Upper
84 100
49 102.3 71.4 107.2
51 33.2 24.5 36.7
86 61.5 48.7 73.1



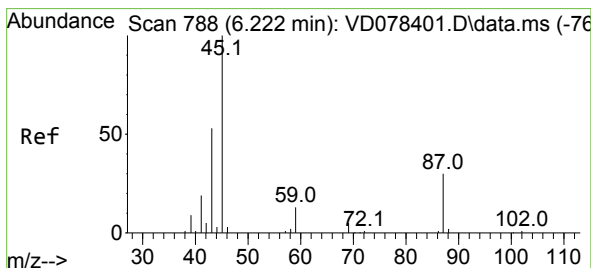
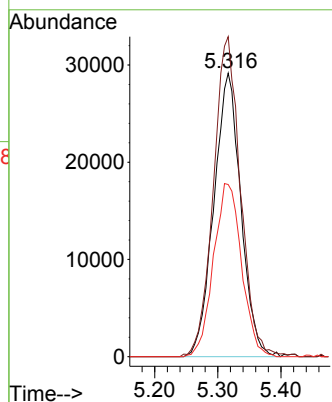
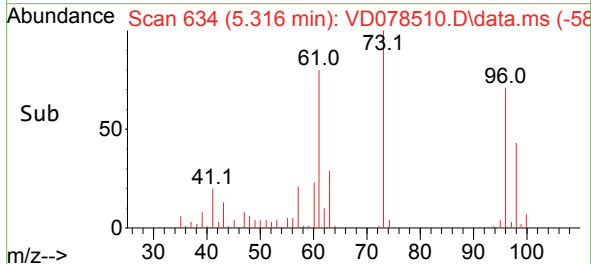


#21
trans-1,2-Dichloroethene
Concen: 53.610 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

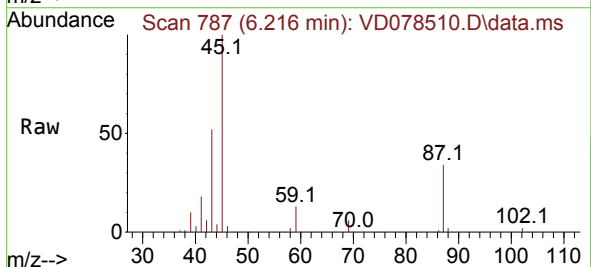
Instrument :
MSVOA_D
ClientSampleId :



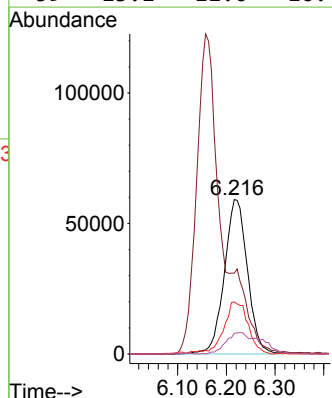
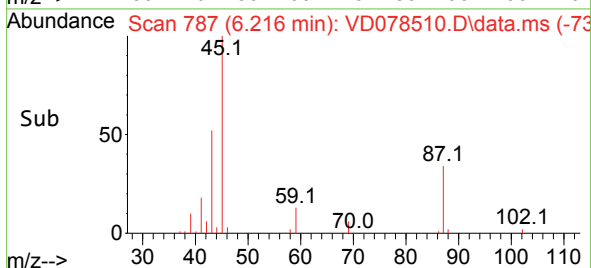
Tgt Ion: 96 Resp: 86539
Ion Ratio Lower Upper
96 100
61 112.9 89.3 133.9
98 60.7 48.6 73.0

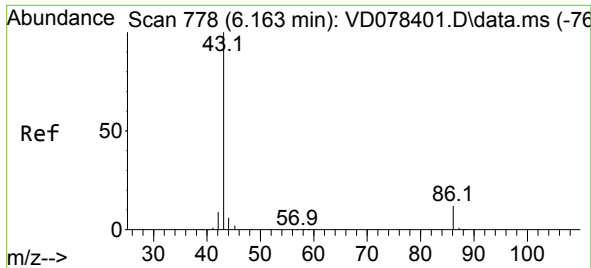


#22
Diisopropyl ether
Concen: 52.123 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44



Tgt Ion: 45 Resp: 194741
Ion Ratio Lower Upper
45 100
43 51.3 40.0 60.0
87 33.3 28.2 42.4
59 13.1 11.0 16.4

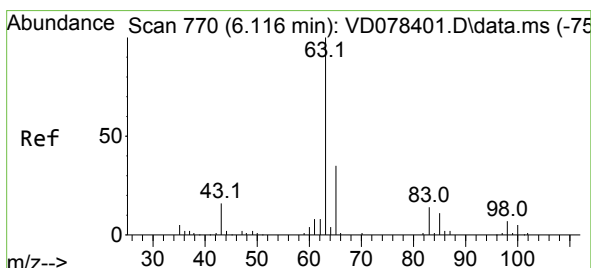
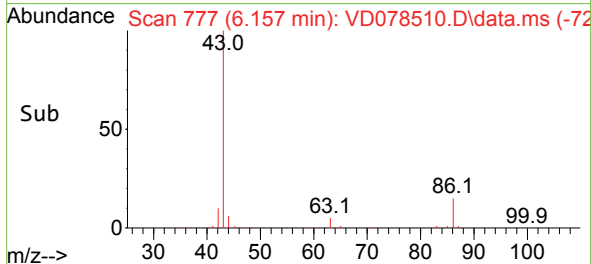
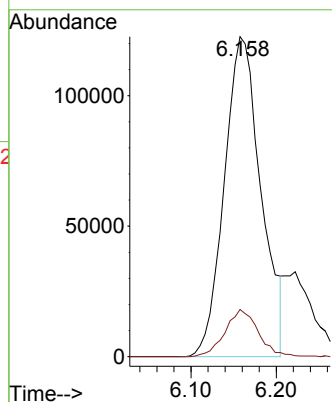
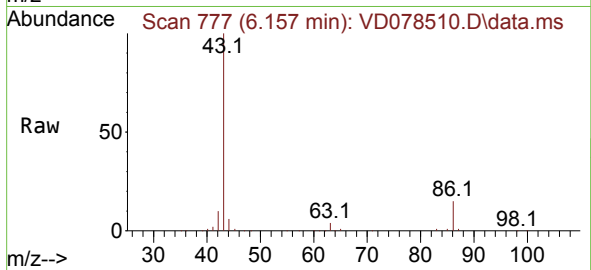




#23
 Vinyl Acetate
 Concen: 238.739 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

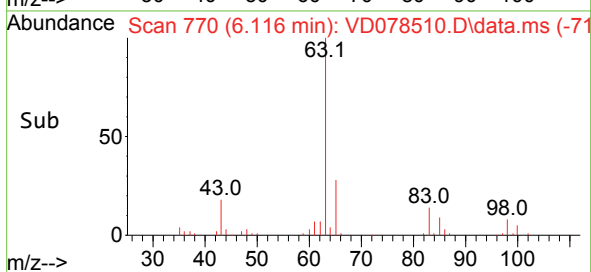
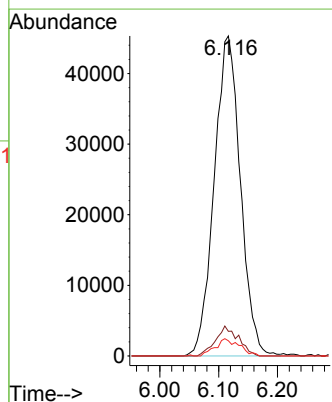
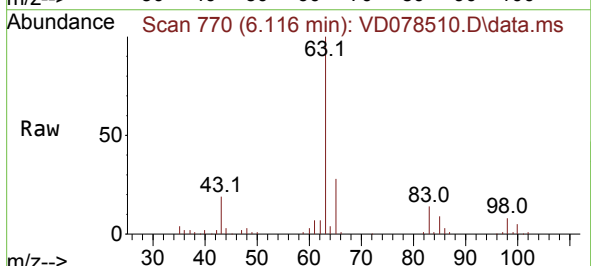
Instrument :
 MSVOA_D
 ClientSampleId :

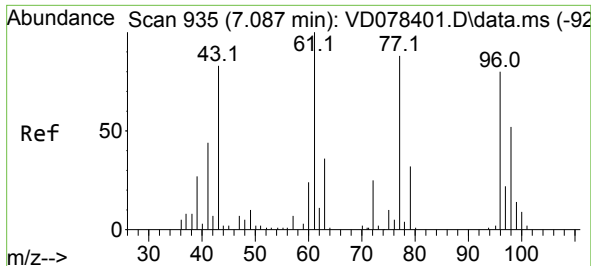
Tgt Ion: 43 Resp: 366540
 Ion Ratio Lower Upper
 43 100
 86 14.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 52.962 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

Tgt Ion: 63 Resp: 140176
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.8 2.5 7.5

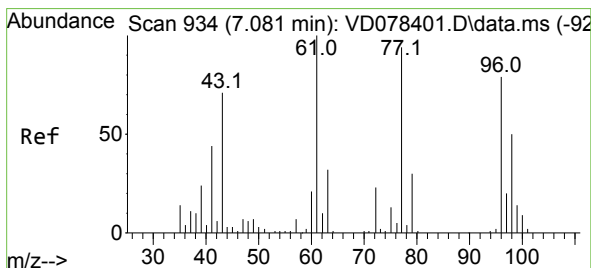
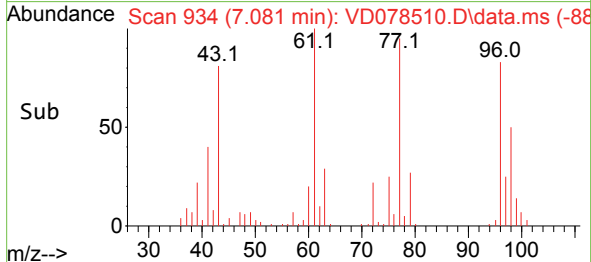
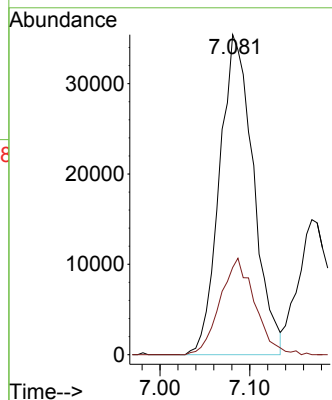
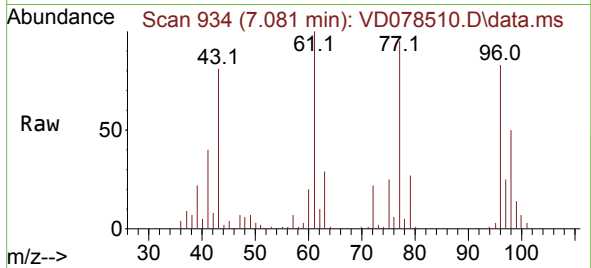




#25
2-Butanone
Concen: 269.873 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

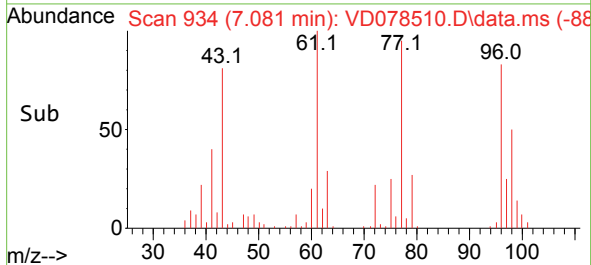
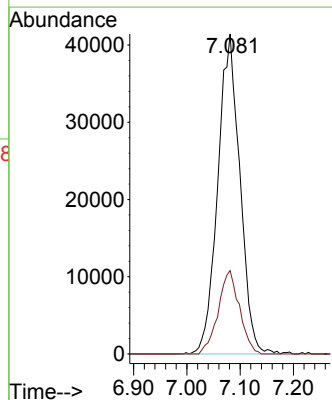
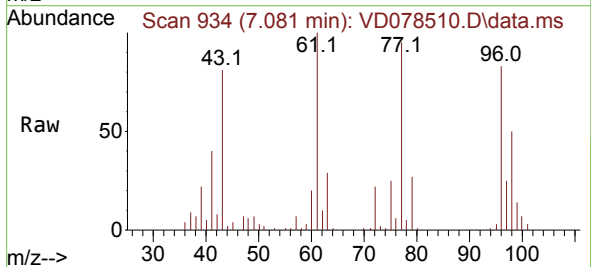
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 92627
Ion Ratio Lower Upper
43 100
72 27.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 53.894 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 77 Resp: 119577
Ion Ratio Lower Upper
77 100
97 25.0 13.2 39.6



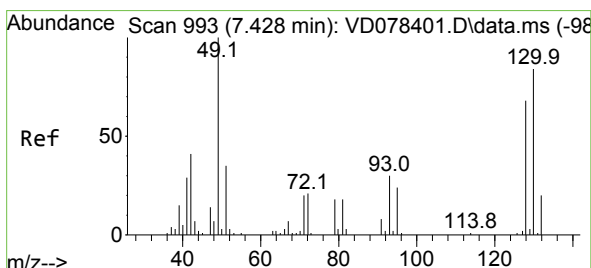
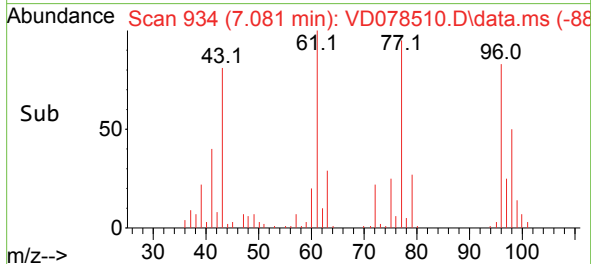
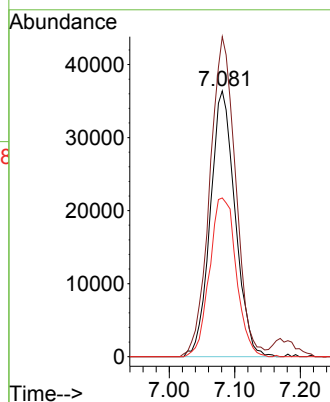
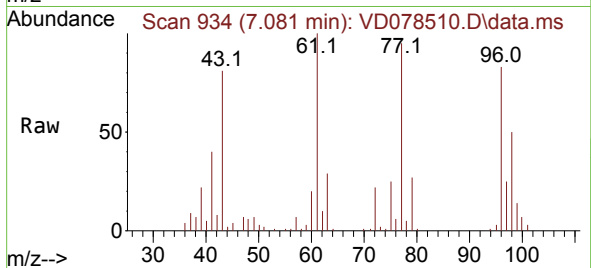


#27
 cis-1,2-Dichloroethene
 Concen: 54.069 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 95758

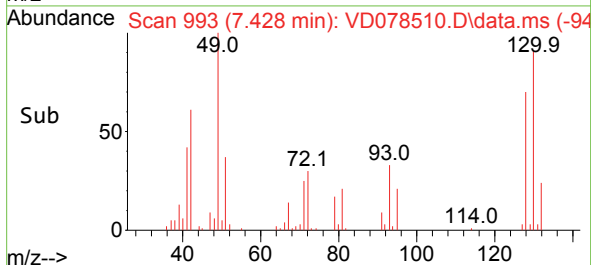
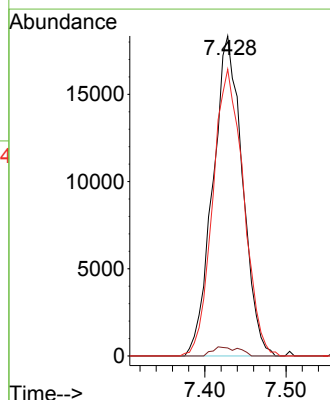
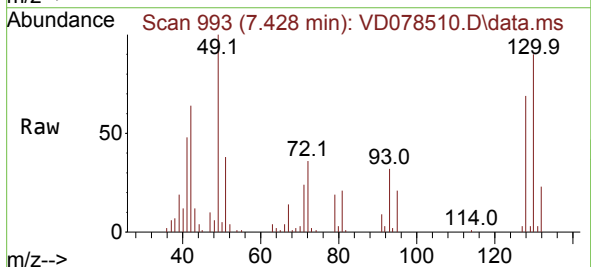
Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	239.2
98	64.1	0.0	128.6

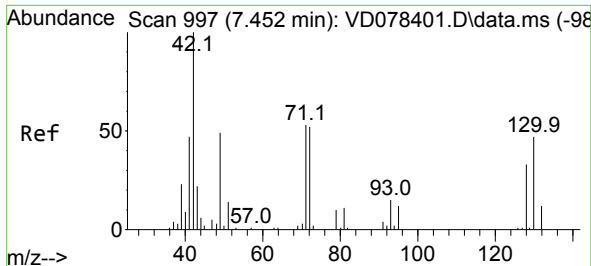


#28
 Bromochloromethane
 Concen: 44.223 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

Tgt Ion: 49 Resp: 46359

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	6.0
130	93.0	83.2	124.8





#29

Tetrahydrofuran

Concen: 260.041 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :

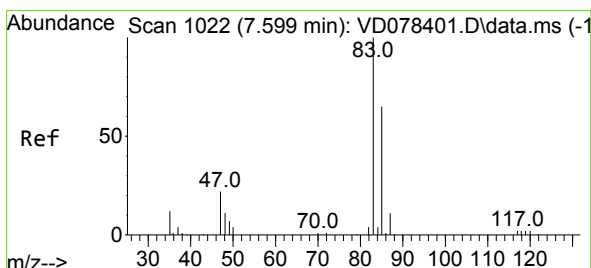
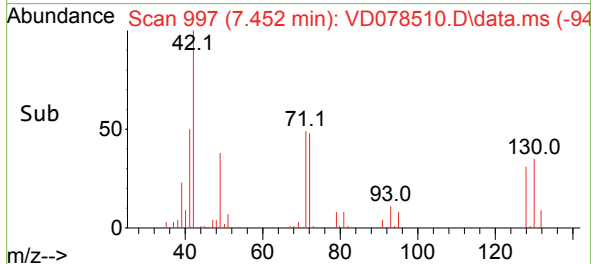
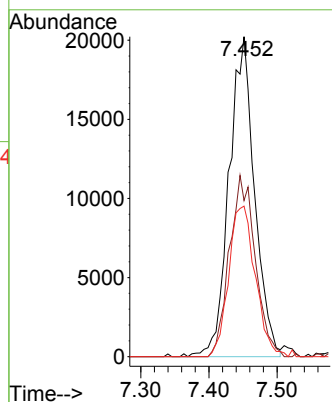
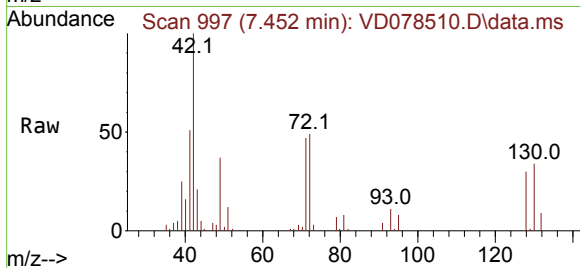
Tgt Ion: 42 Resp: 52632

Ion Ratio Lower Upper

42 100

72 57.3 46.5 69.7

71 49.0 44.5 66.7



#30

Chloroform

Concen: 54.625 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VD078510.D

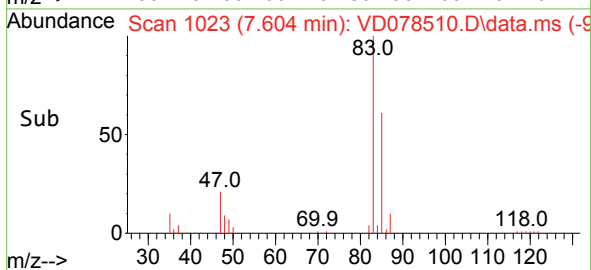
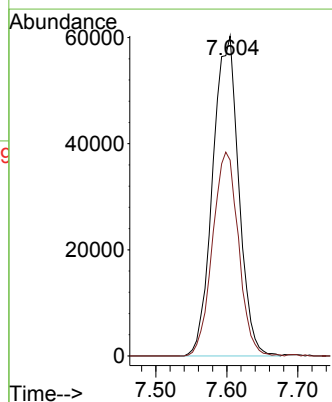
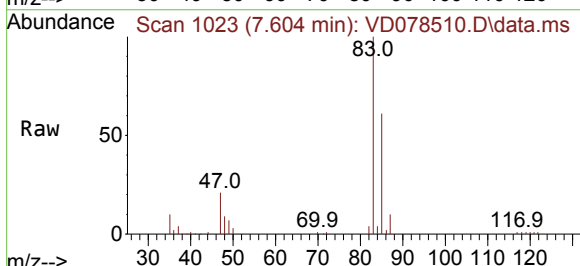
Acq: 22 Feb 2024 11:44

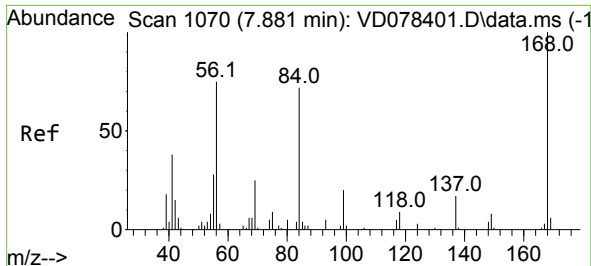
Tgt Ion: 83 Resp: 152969

Ion Ratio Lower Upper

83 100

85 61.2 53.4 80.2





#31

Cyclohexane

Concen: 46.535 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :

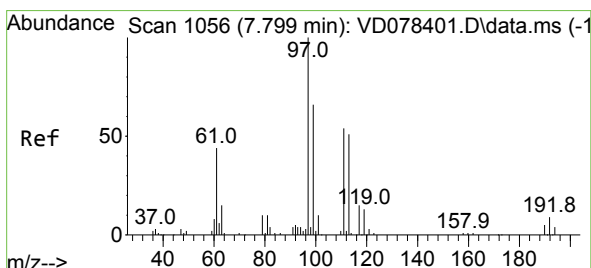
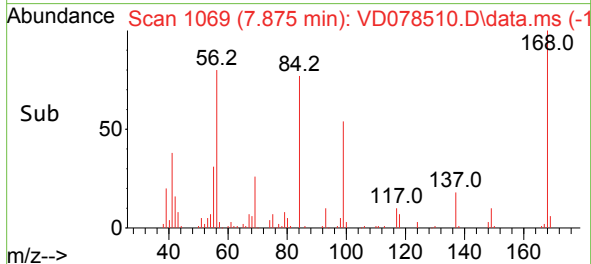
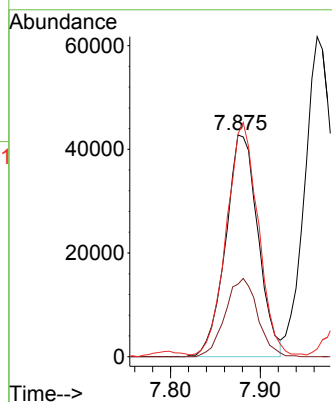
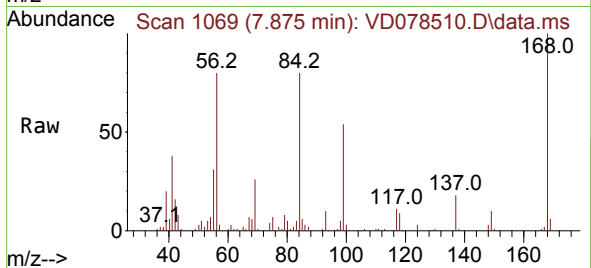
Tgt Ion: 56 Resp: 107134

Ion Ratio Lower Upper

56 100

69 32.3 28.6 43.0

84 98.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 53.976 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

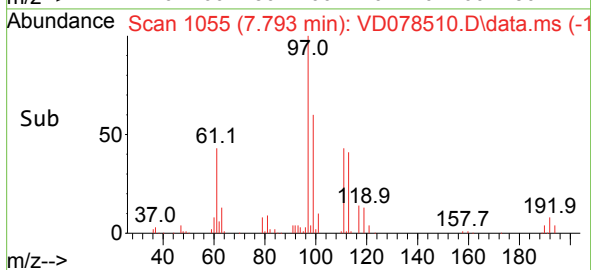
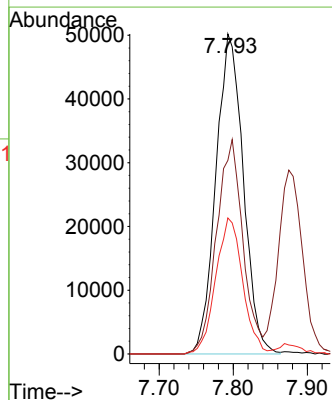
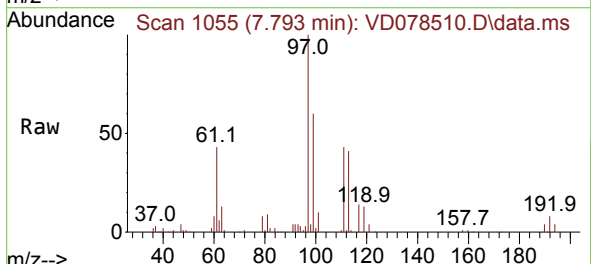
Tgt Ion: 97 Resp: 128871

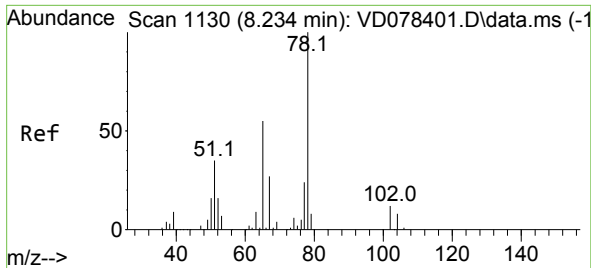
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 41.8 33.8 50.8

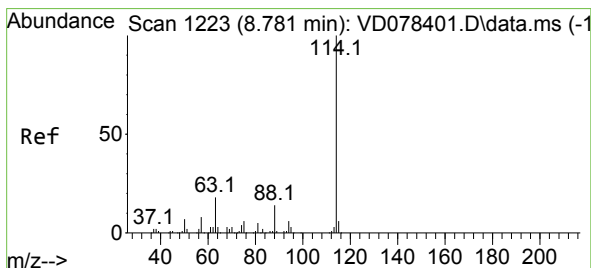
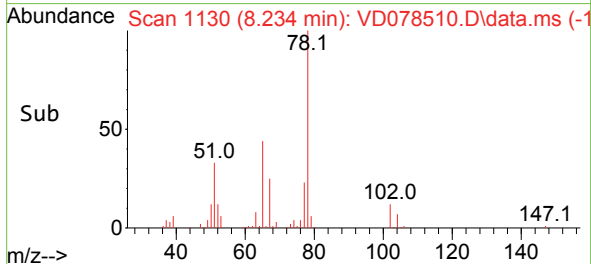
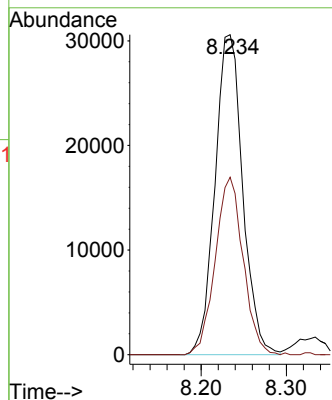
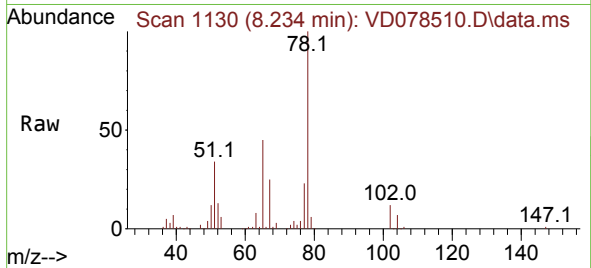




#33
1,2-Dichloroethane-d4
Concen: 50.829 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

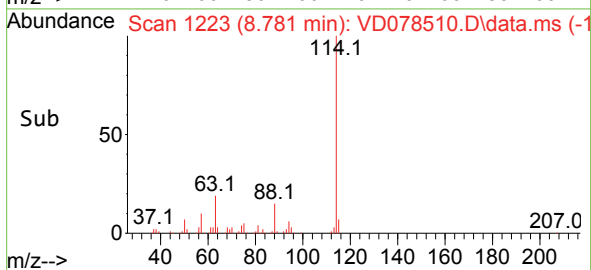
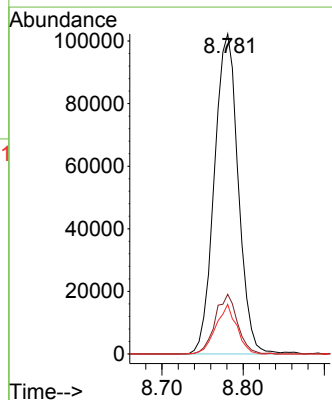
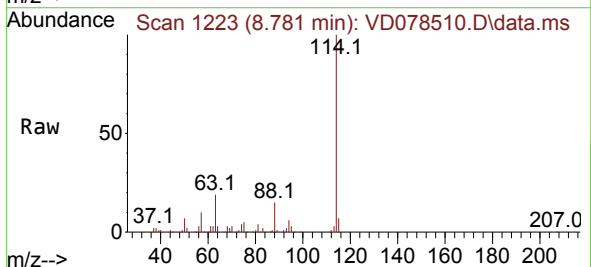
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 69177
Ion Ratio Lower Upper
65 100
67 55.7 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion:114 Resp: 209085
Ion Ratio Lower Upper
114 100
63 18.7 0.0 33.4
88 15.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 59.884 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

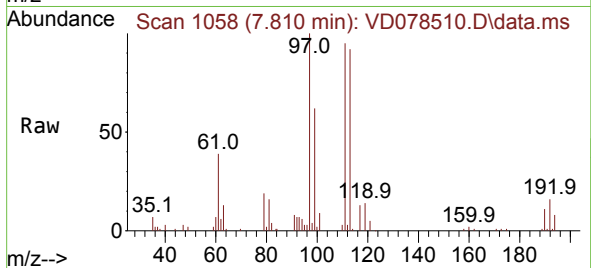
Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

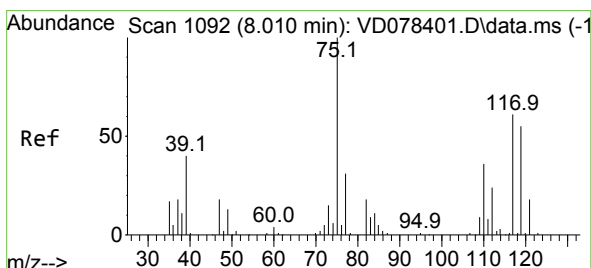
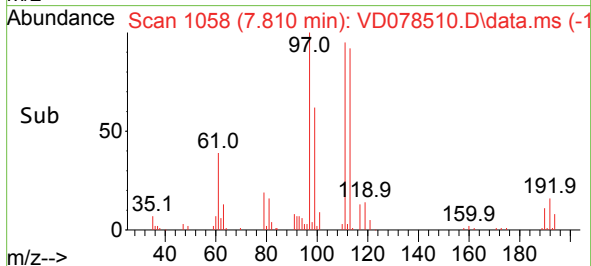
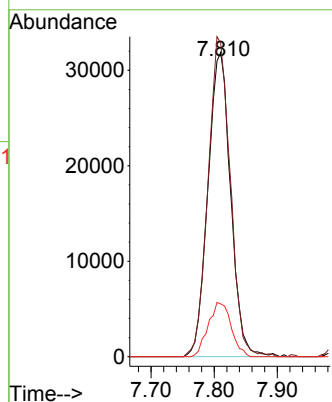
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	79535
Ion Ratio	Lower	Upper	
113	100		
111	102.8	84.7	127.1
192	18.0	16.8	25.2



#36

1,1-Dichloropropene

Concen: 55.386 ug/l

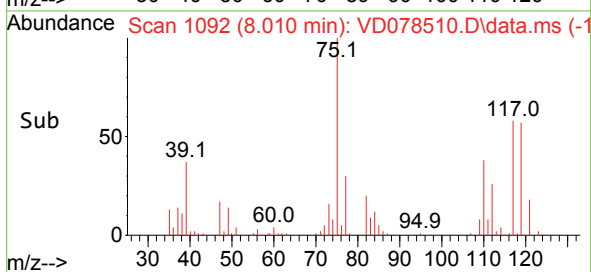
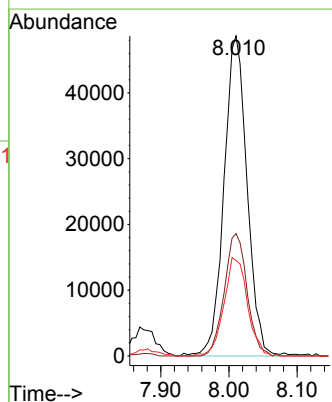
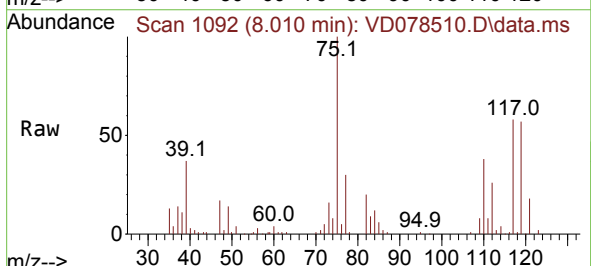
RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Tgt Ion:	75	Resp:	114276
Ion Ratio	Lower	Upper	
75	100		
110	37.8	19.9	59.6
77	31.6	24.7	37.1

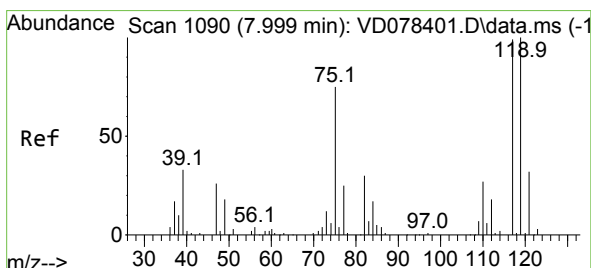
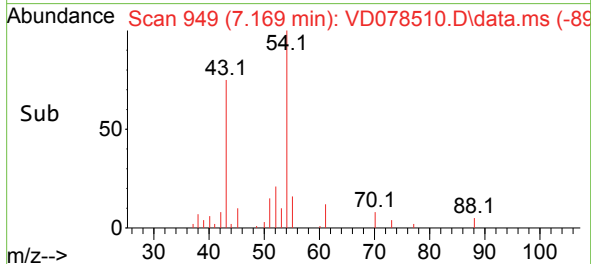
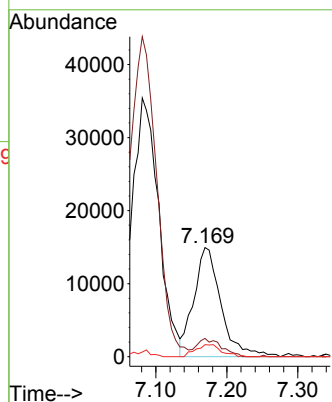
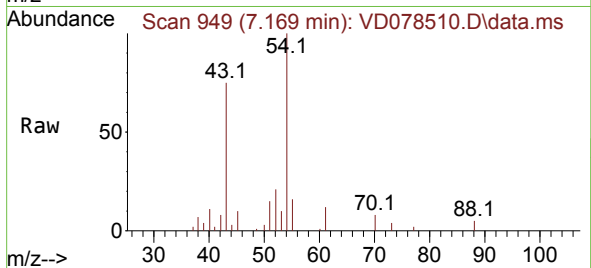




#37
Ethyl Acetate
Concen: 54.840 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

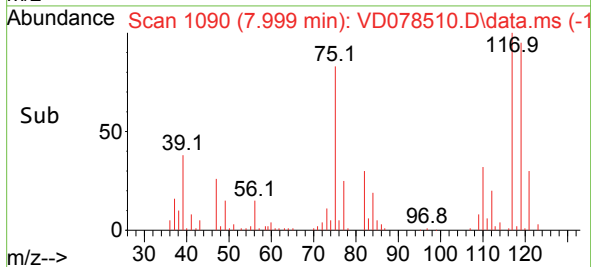
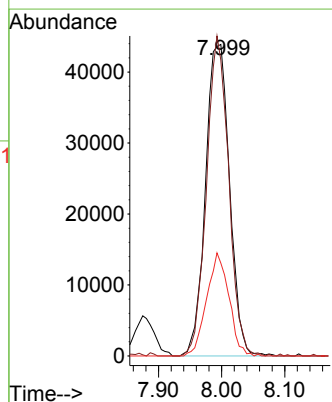
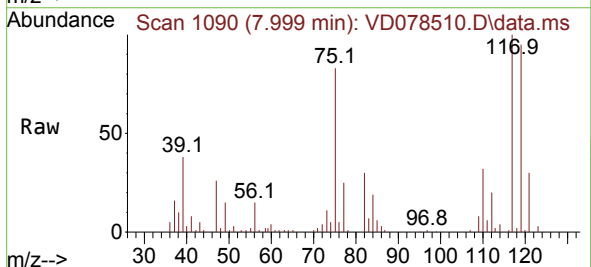
Instrument :
MSVOA_D
ClientSampleId :

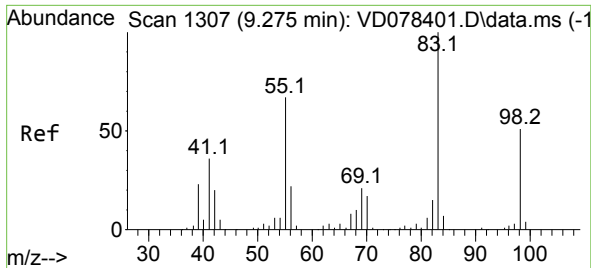
Tgt Ion: 43 Resp: 39664
Ion Ratio Lower Upper
43 100
61 15.2 14.9 22.3
70 10.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 57.000 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 117 Resp: 116468
Ion Ratio Lower Upper
117 100
119 95.0 78.0 117.0
121 29.8 24.2 36.2

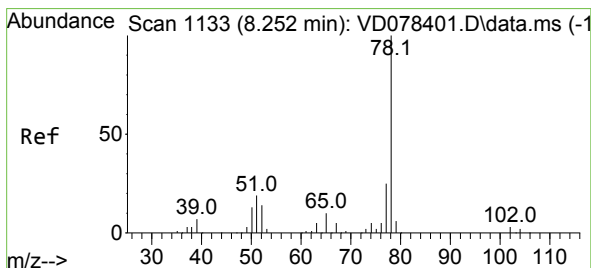
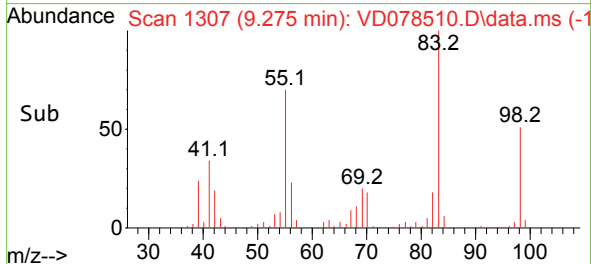
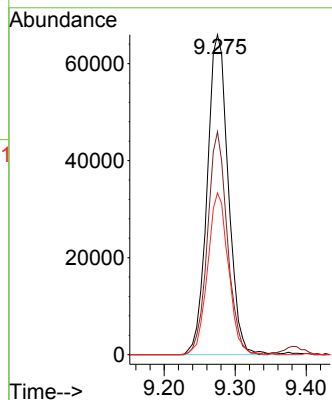
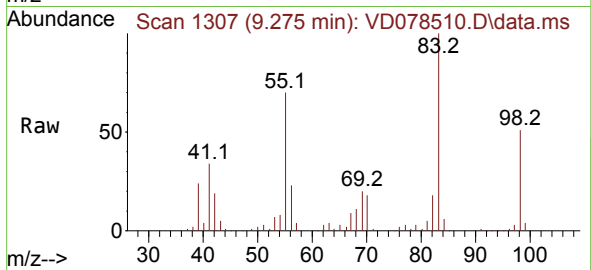




#39
Methylcyclohexane
Concen: 55.618 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

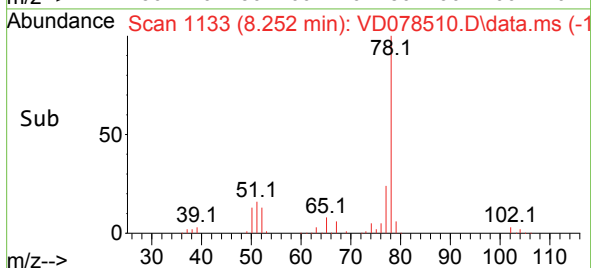
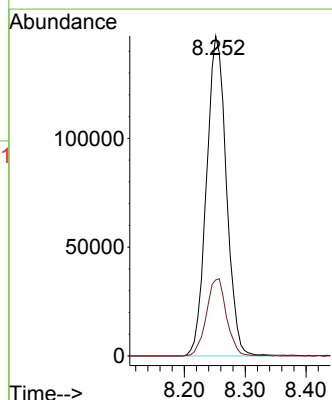
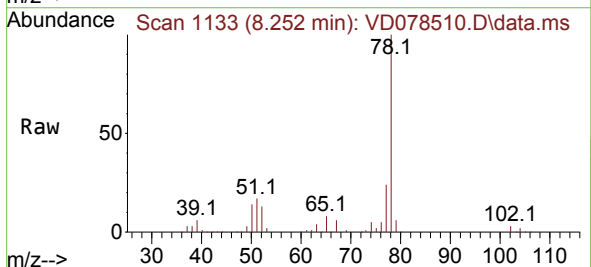
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 136232
Ion Ratio Lower Upper
83 100
55 69.7 49.4 74.0
98 50.6 38.4 57.6



#40
Benzene
Concen: 55.957 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 78 Resp: 333713
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

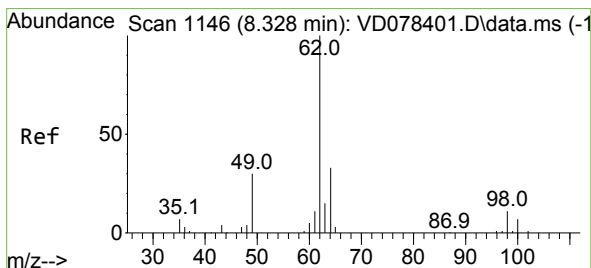
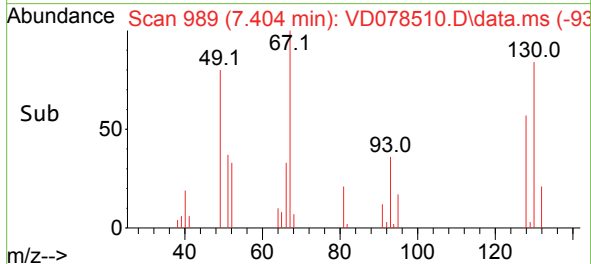
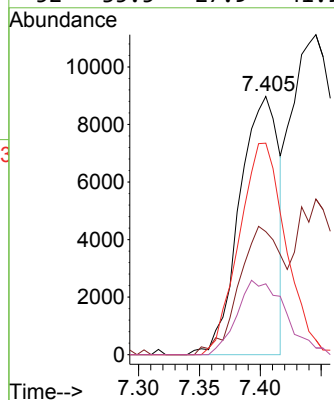
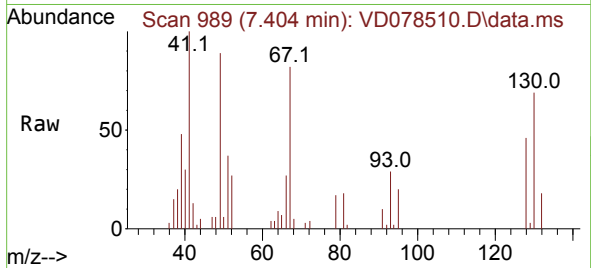




#41
Methacrylonitrile
Concen: 53.450 ug/l
RT: 7.404 min Scan# 989
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

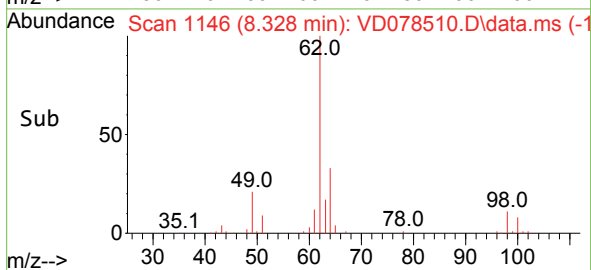
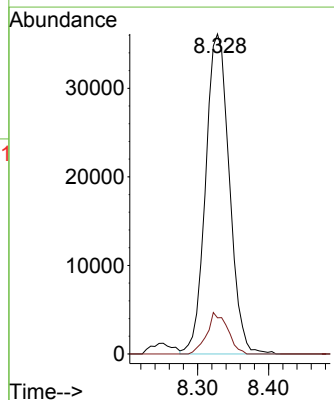
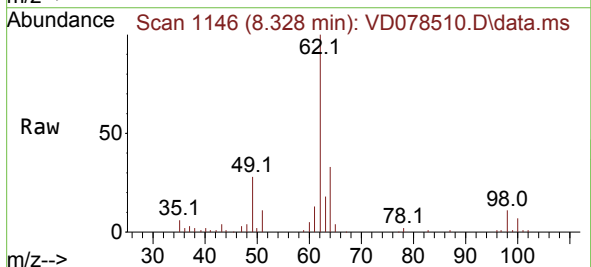
Instrument :
MSVOA_D
ClientSampleId :

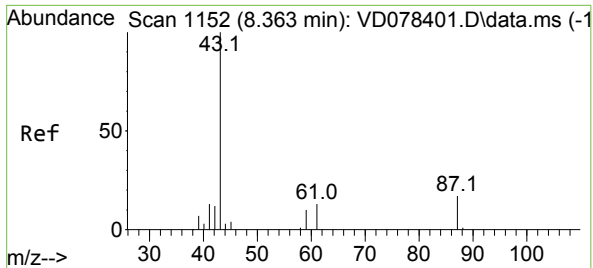
Tgt Ion: 41 Resp: 20119
Ion Ratio Lower Upper
41 100
39 55.0 34.0 51.0#
67 97.1 77.0 115.4
52 35.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 54.368 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 62 Resp: 83895
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4

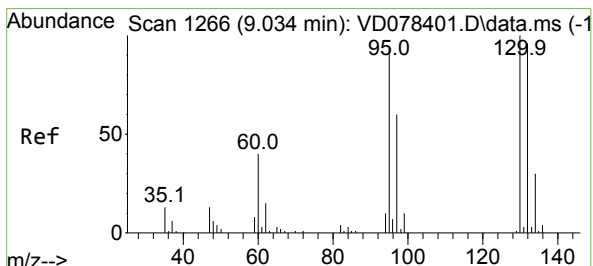
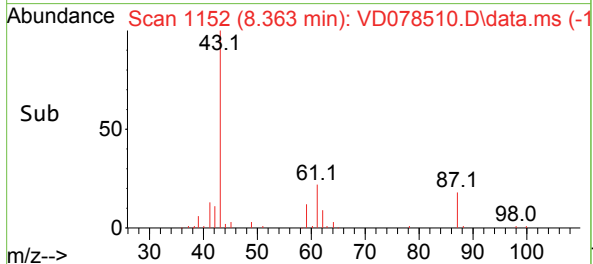
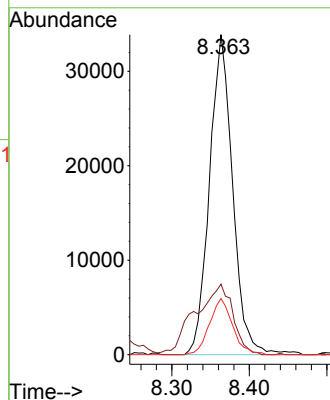
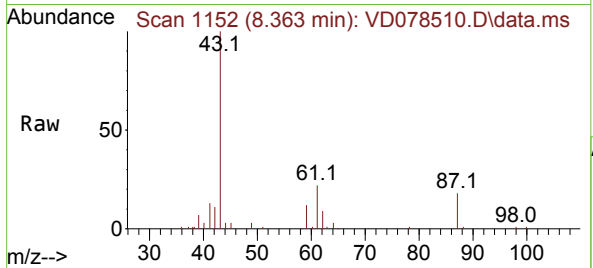




#43
Isopropyl Acetate
Concen: 52.365 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

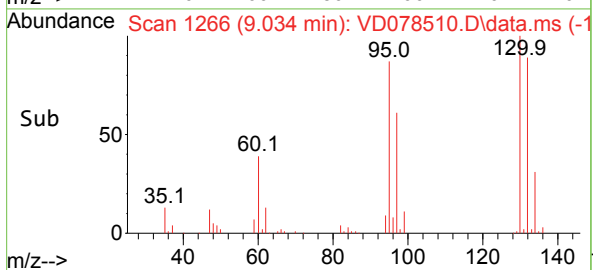
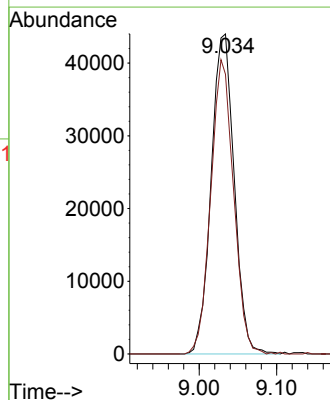
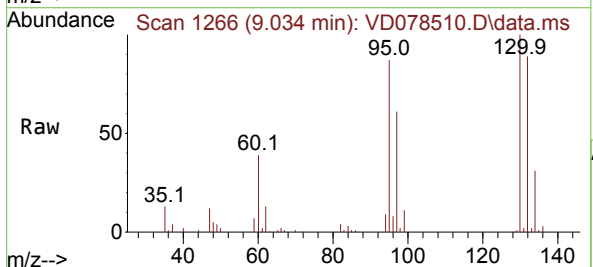
Instrument :
MSVOA_D
ClientSampleId :

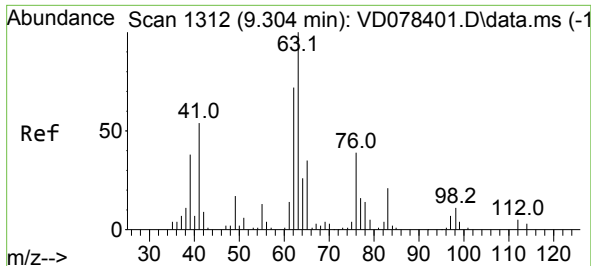
Tgt Ion: 43 Resp: 70133
Ion Ratio Lower Upper
43 100
61 35.9 31.4 47.0
87 17.6 14.9 22.3



#44
Trichloroethene
Concen: 59.691 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion:130 Resp: 90817
Ion Ratio Lower Upper
130 100
95 87.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.286 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

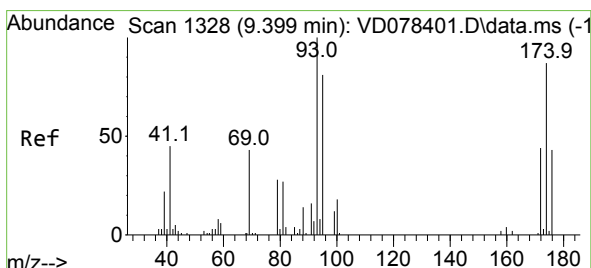
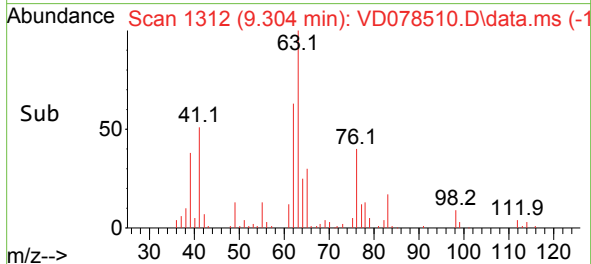
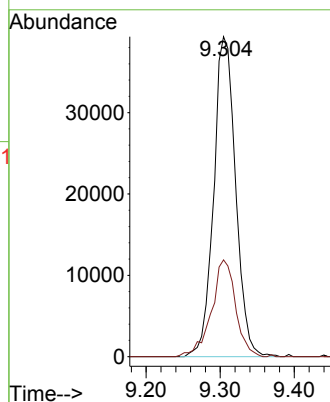
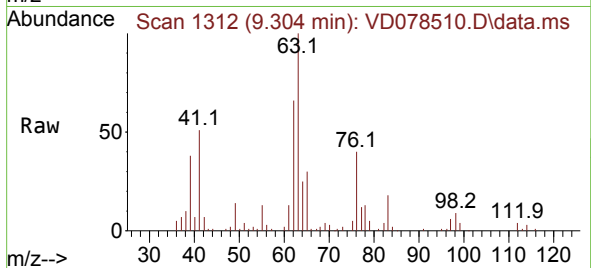
ClientSampleId :

Tgt Ion: 63 Resp: 80896

Ion Ratio Lower Upper

63 100

65 30.3 24.5 36.7



#46

Dibromomethane

Concen: 56.852 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

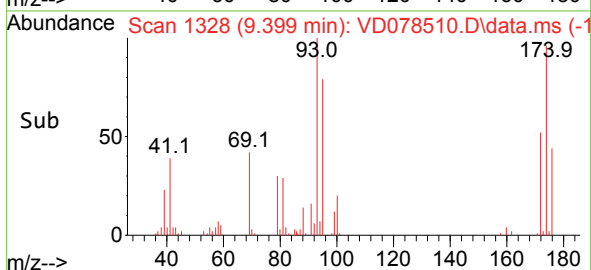
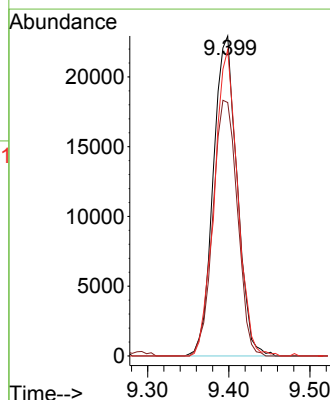
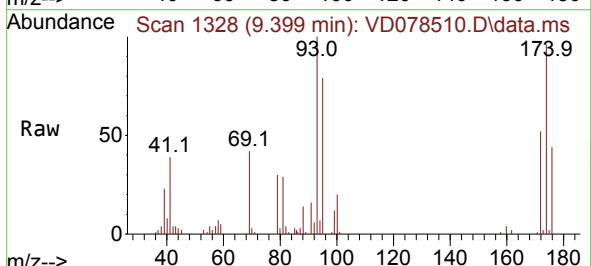
Tgt Ion: 93 Resp: 46790

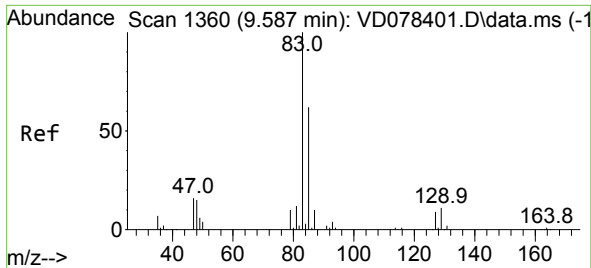
Ion Ratio Lower Upper

93 100

95 82.0 67.7 101.5

174 93.7 85.4 128.2

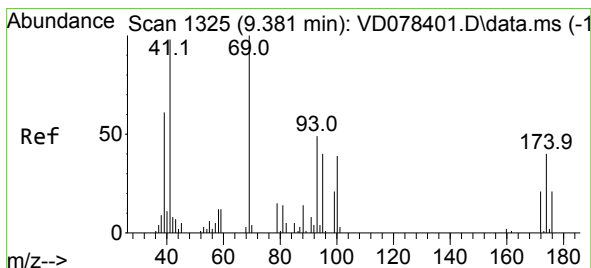
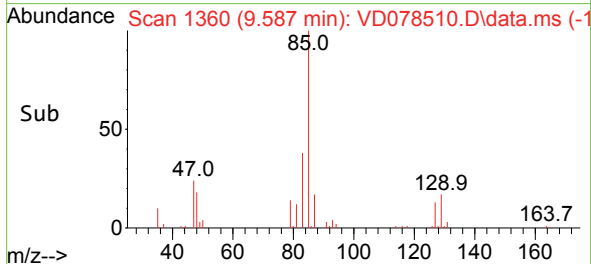
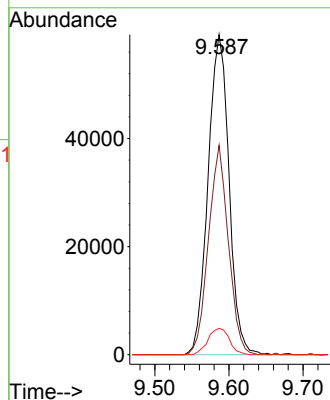
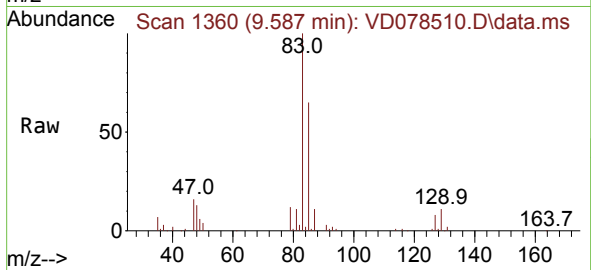




#47
Bromodichloromethane
Concen: 57.007 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

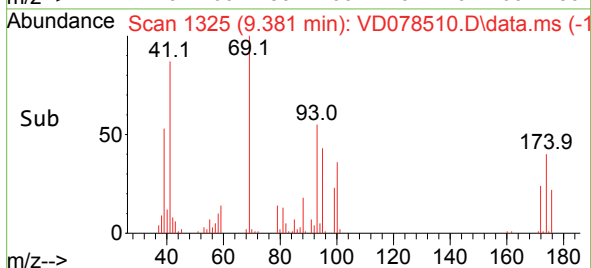
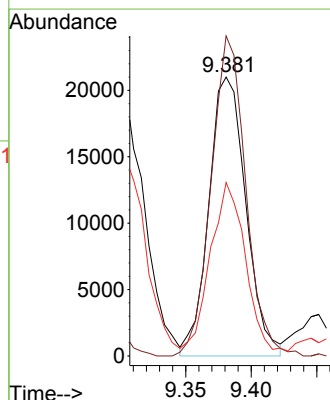
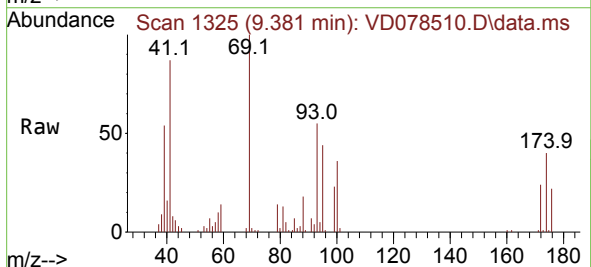
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 116209
Ion Ratio Lower Upper
83 100
85 65.4 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 58.145 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 41 Resp: 41315
Ion Ratio Lower Upper
41 100
69 106.9 102.2 153.2
39 56.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1210.712 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

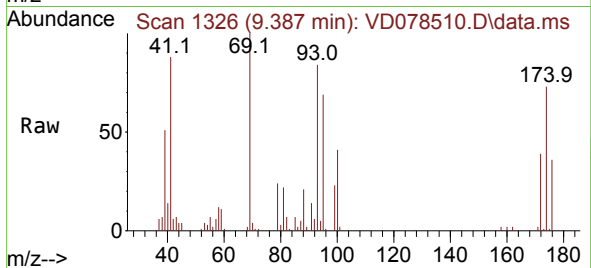
Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :



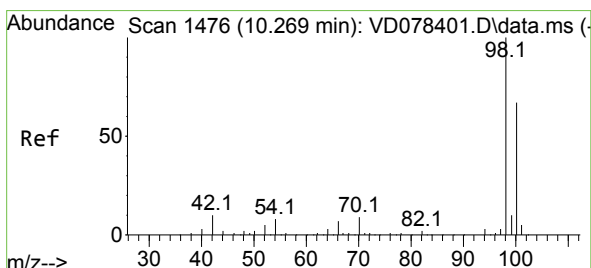
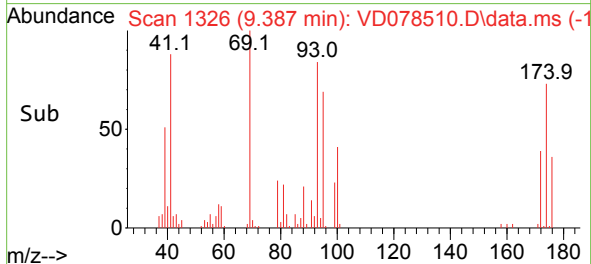
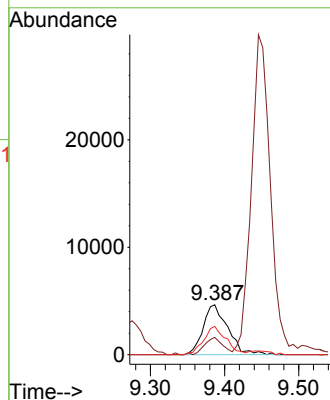
Tgt Ion: 88 Resp: 10791

Ion Ratio Lower Upper

88 100

43 25.9 19.0 28.6

58 51.2 43.5 65.3



#50

Toluene-d8

Concen: 57.812 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078510.D

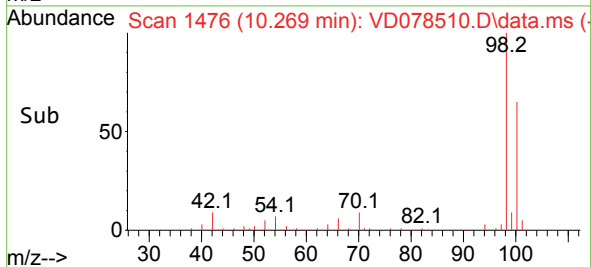
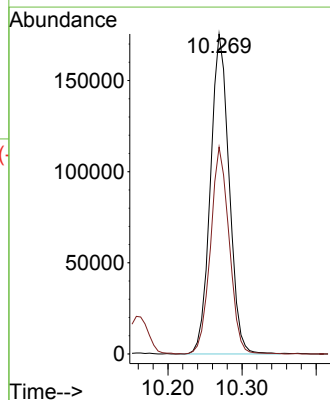
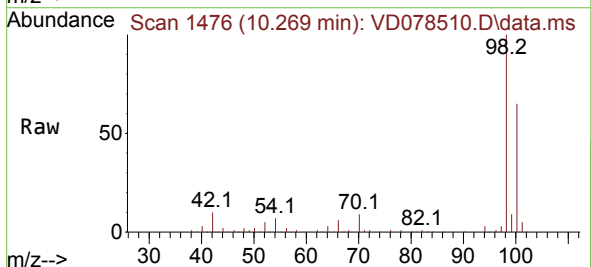
Acq: 22 Feb 2024 11:44

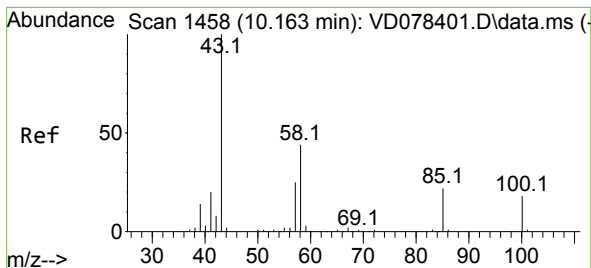
Tgt Ion: 98 Resp: 307148

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

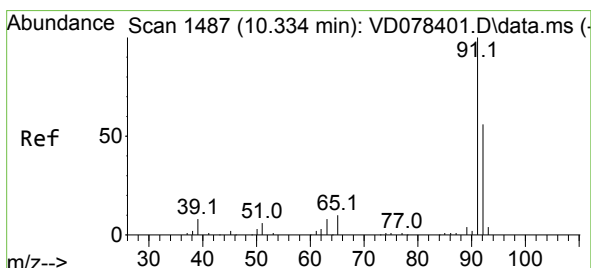
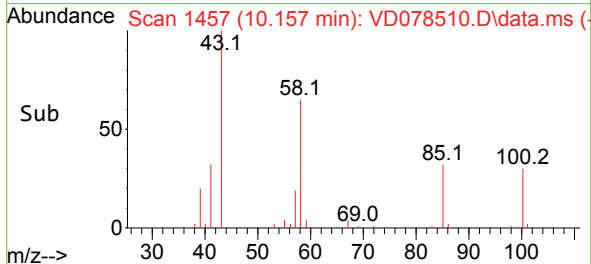
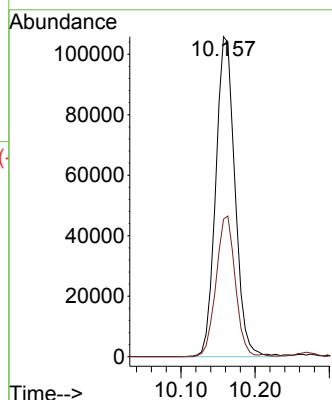
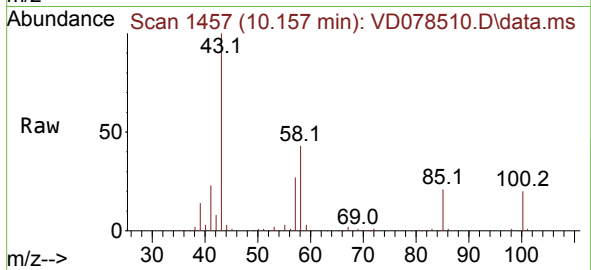




#51
4-Methyl-2-Pentanone
Concen: 267.953 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

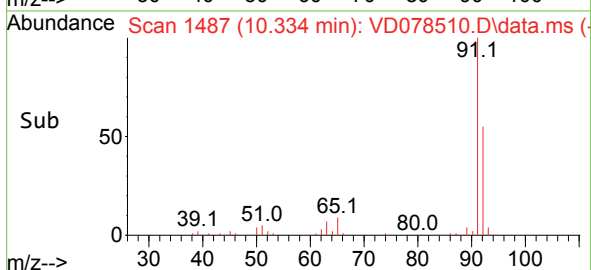
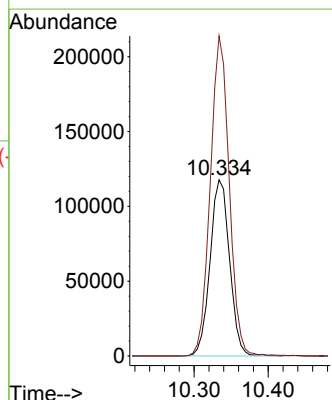
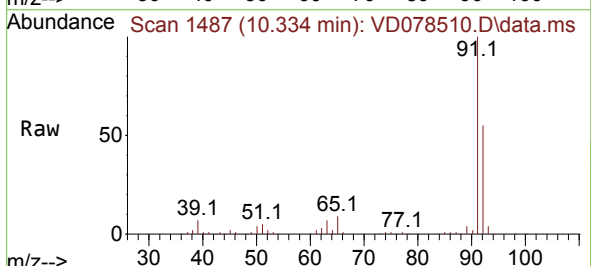
Instrument :
MSVOA_D
ClientSampleId :

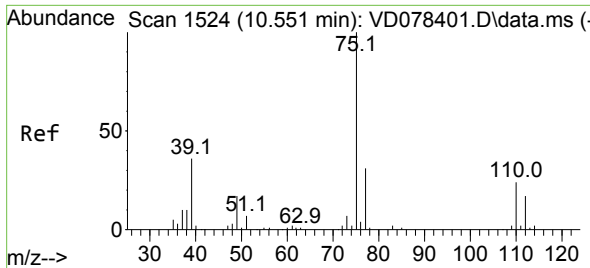
Tgt Ion: 43 Resp: 190470
Ion Ratio Lower Upper
43 100
58 44.1 38.9 58.3



#52
Toluene
Concen: 57.013 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 92 Resp: 215014
Ion Ratio Lower Upper
92 100
91 176.4 143.0 214.4

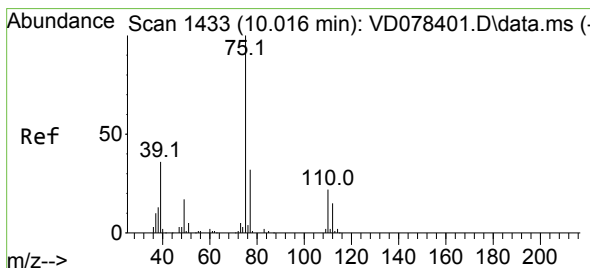
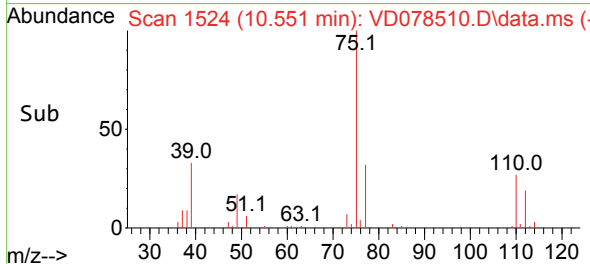
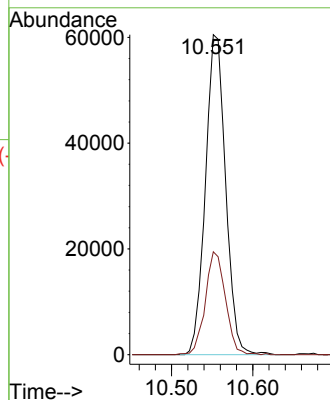
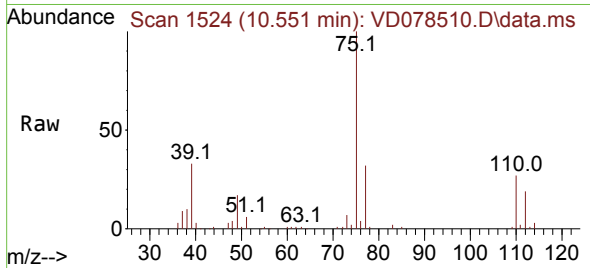




#53
 t-1,3-Dichloropropene
 Concen: 56.151 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

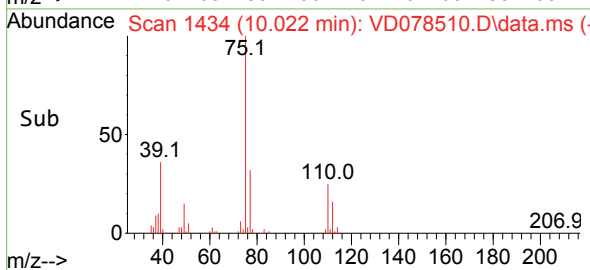
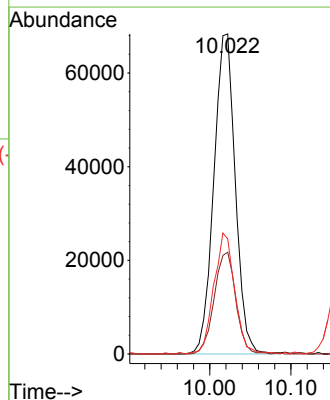
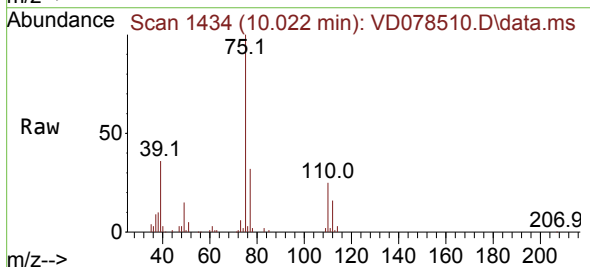
Instrument :
 MSVOA_D
 ClientSampleId :

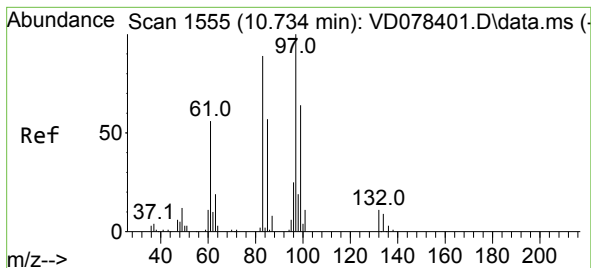
Tgt Ion: 75 Resp: 104443
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 55.685 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

Tgt Ion: 75 Resp: 125595
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3
 39 36.0 22.1 33.1#

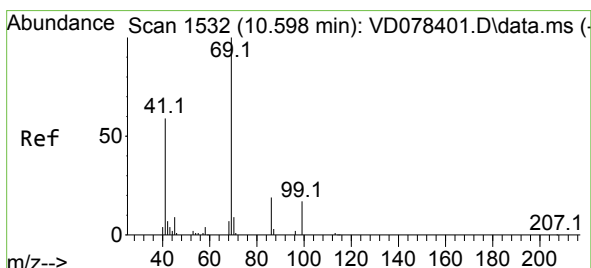
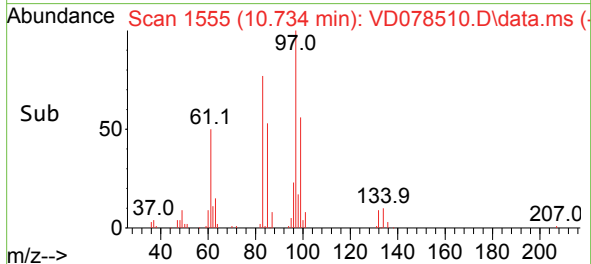
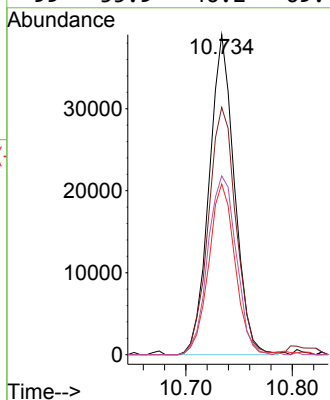
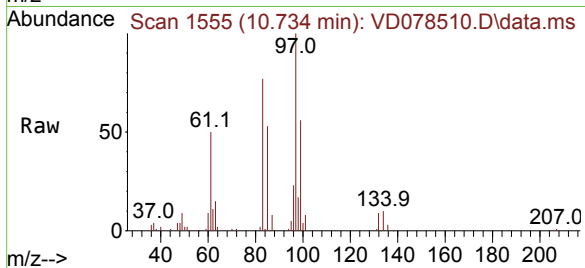




#55
1,1,2-Trichloroethane
Concen: 58.120 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

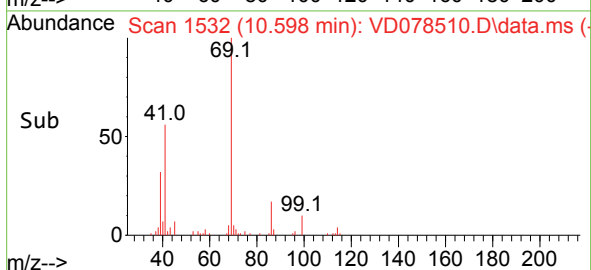
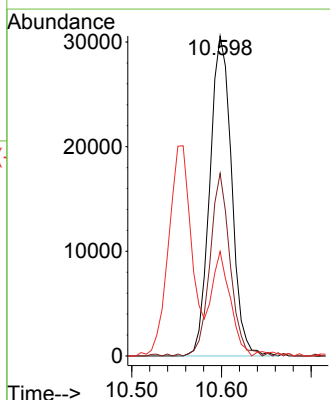
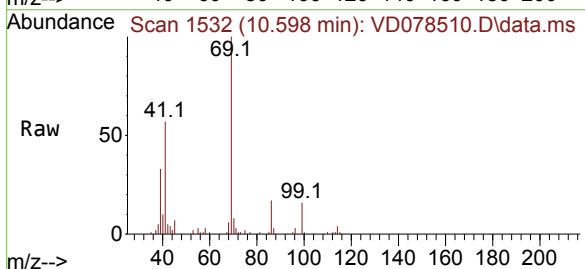
Instrument :
MSVOA_D
ClientSampleId :

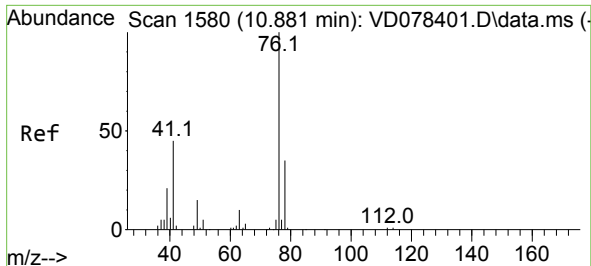
Tgt Ion:	97	Resp:	64417
Ion	Ratio	Lower	Upper
97	100		
83	77.3	65.8	98.6
85	53.3	45.7	68.5
99	55.9	46.2	69.4



#56
Ethyl methacrylate
Concen: 50.340 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion:	69	Resp:	51602
Ion	Ratio	Lower	Upper
69	100		
41	52.8	39.1	58.7
39	27.6	20.0	30.0





#57

1,3-Dichloropropane

Concen: 55.372 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

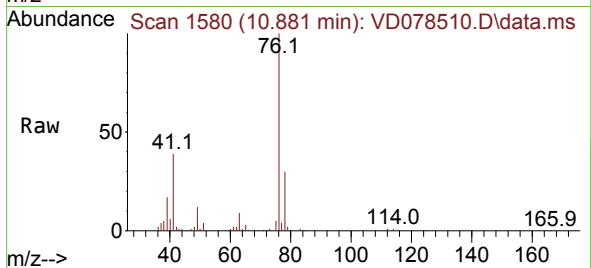
Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :

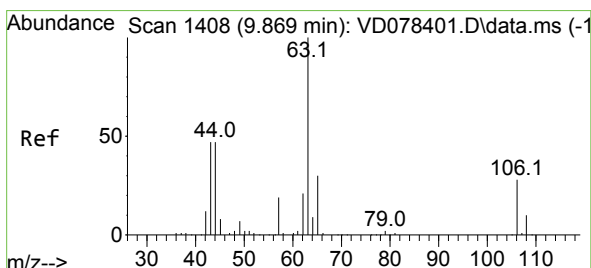
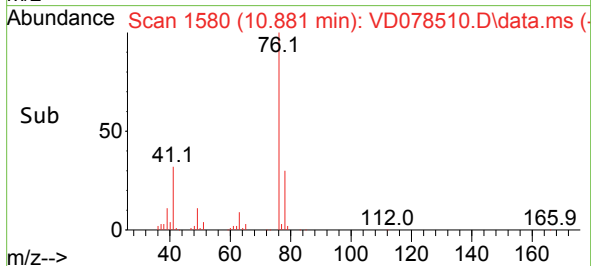
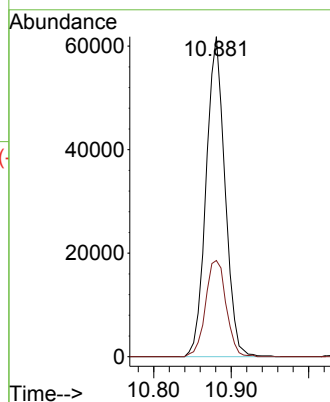


Tgt Ion: 76 Resp: 104397

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.341 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078510.D

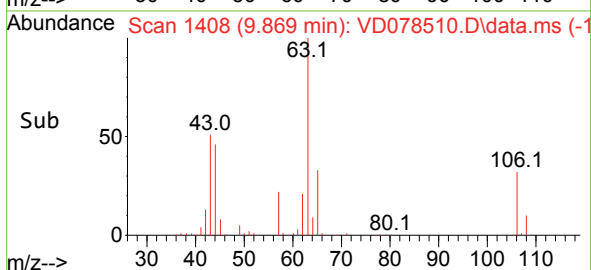
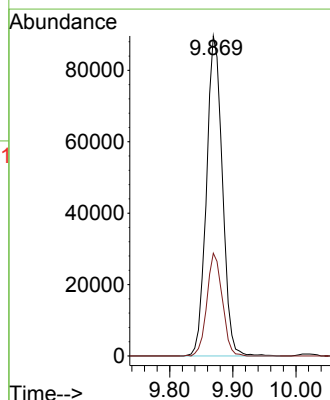
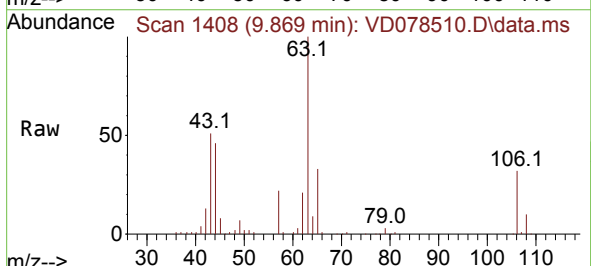
Acq: 22 Feb 2024 11:44

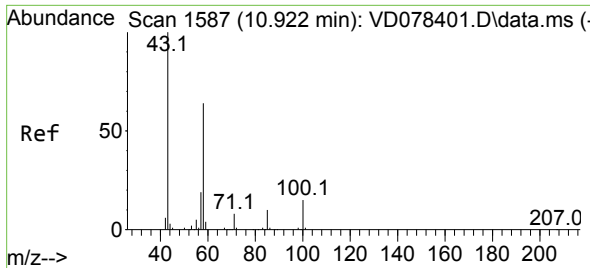
Tgt Ion: 63 Resp: 157195

Ion Ratio Lower Upper

63 100

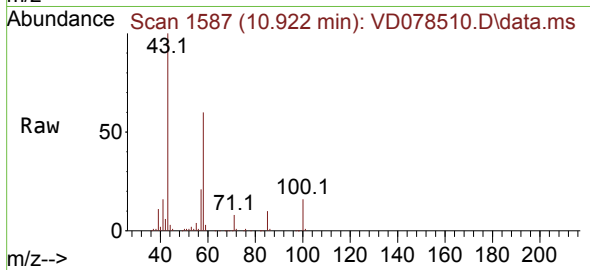
106 31.0 25.3 37.9



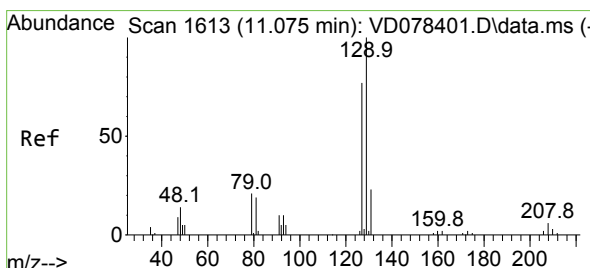
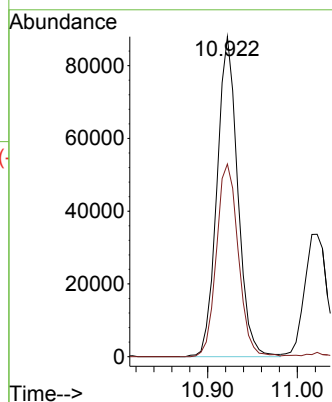
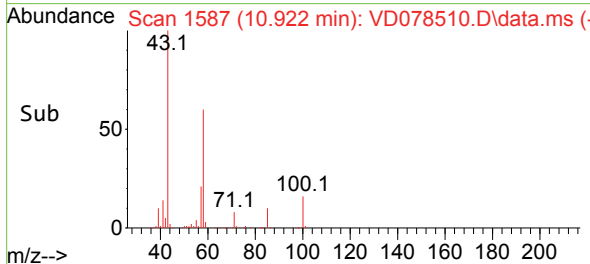


#59
2-Hexanone
Concen: 264.495 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Instrument :
MSVOA_D
ClientSampleId :

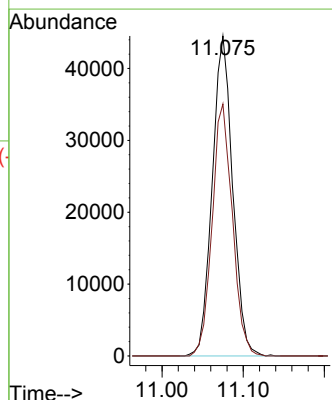
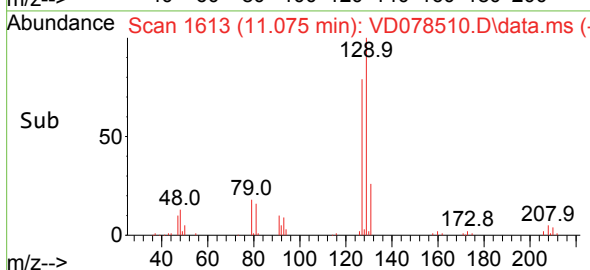
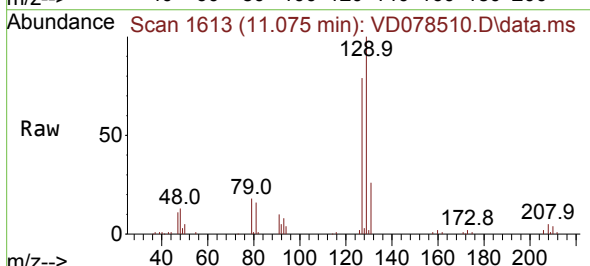


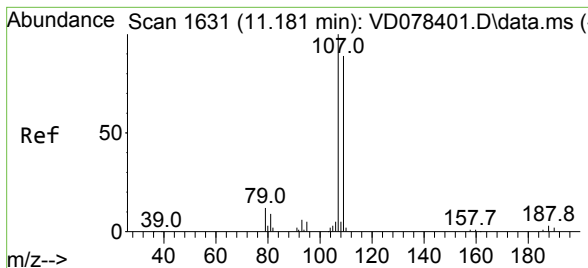
Tgt Ion: 43 Resp: 141293
Ion Ratio Lower Upper
43 100
58 63.2 34.1 102.2



#60
Dibromochloromethane
Concen: 58.358 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion:129 Resp: 77823
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5

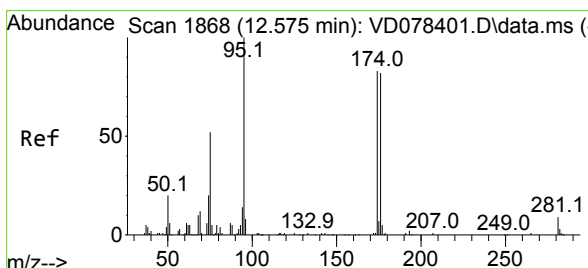
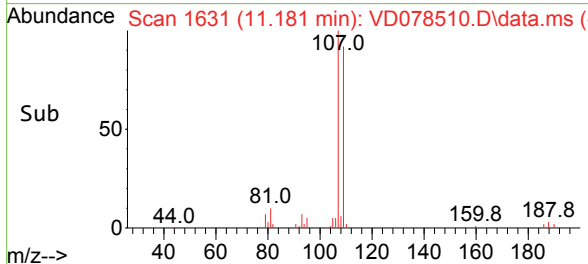
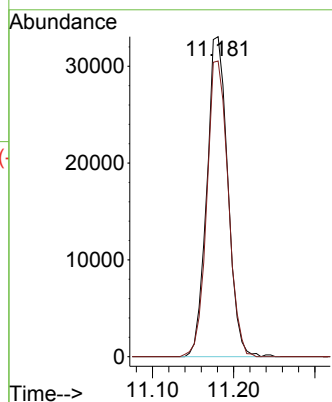
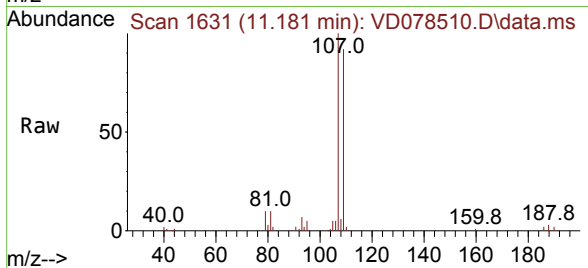




#61
1,2-Dibromoethane
Concen: 56.938 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

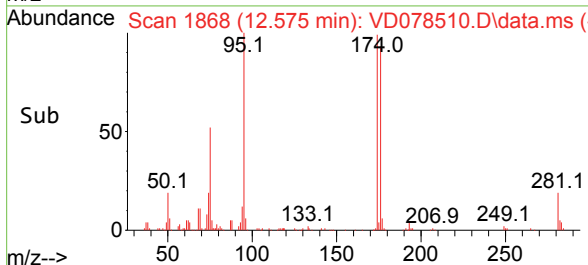
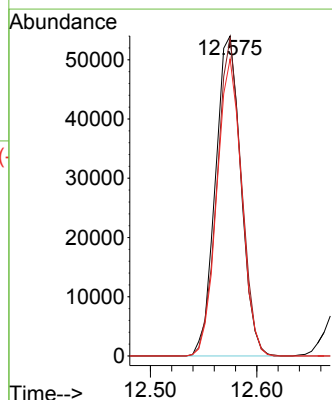
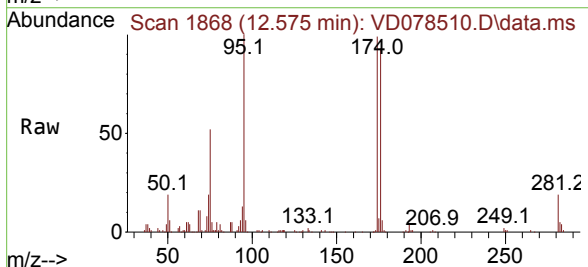
Instrument :
MSVOA_D
ClientSampleId :

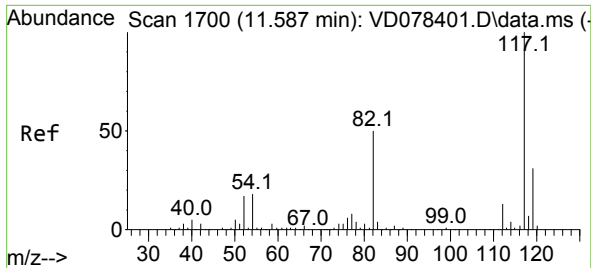
Tgt Ion:107 Resp: 59245
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.871 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 95 Resp: 89474
Ion Ratio Lower Upper
95 100
174 95.7 0.0 201.8
176 90.4 0.0 191.8

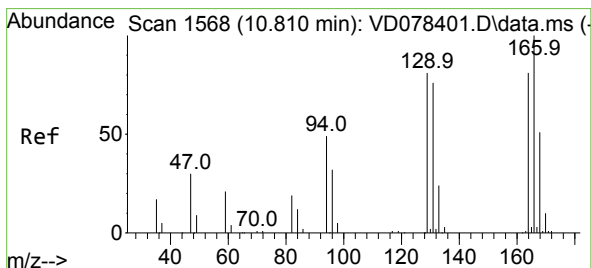
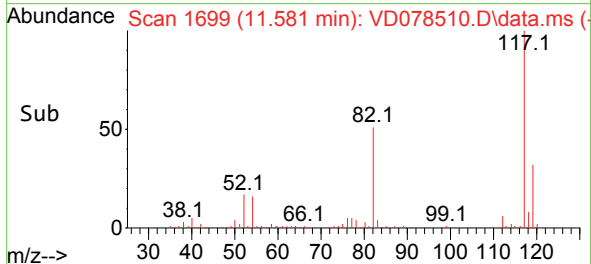
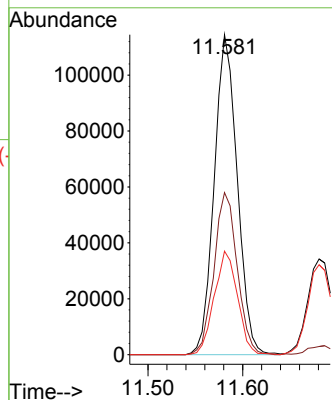
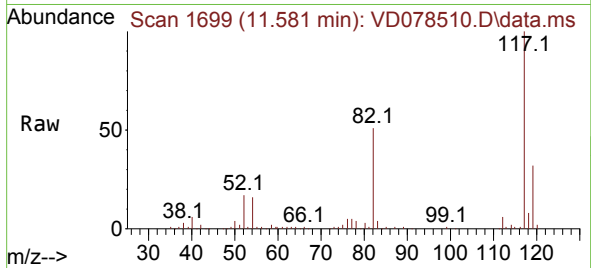




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

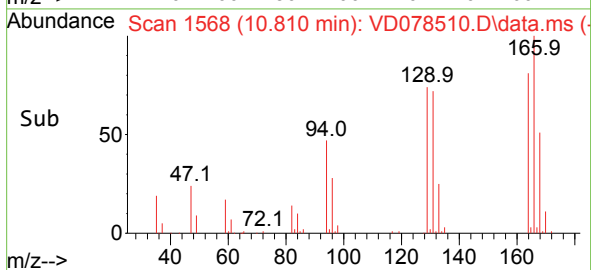
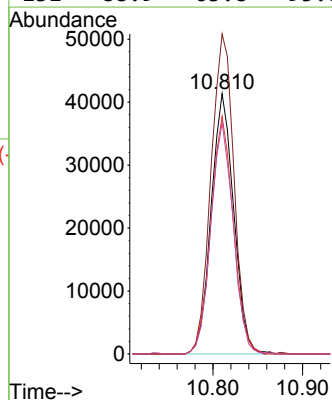
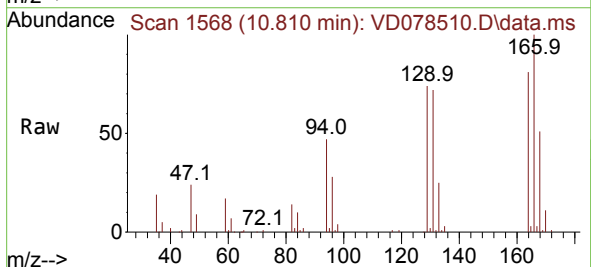
Instrument :
MSVOA_D
ClientSampleId :

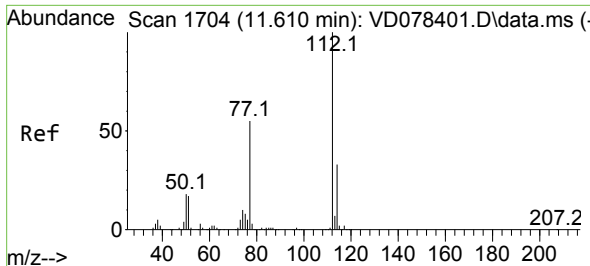
Tgt Ion:117 Resp: 193313
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 32.4 25.0 37.4



#64
Tetrachloroethene
Concen: 59.063 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion:164 Resp: 72117
Ion Ratio Lower Upper
164 100
166 122.9 99.2 148.8
129 91.2 68.4 102.6
131 88.9 63.8 95.8

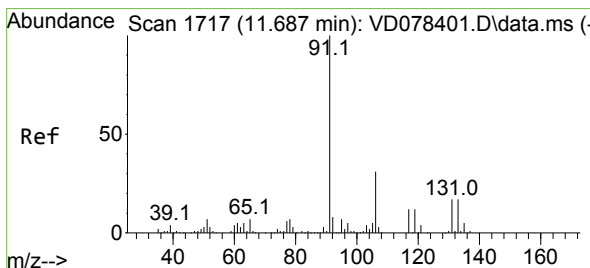
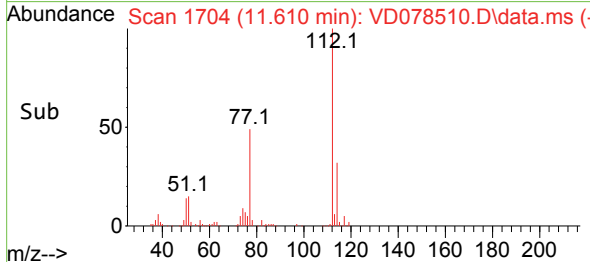
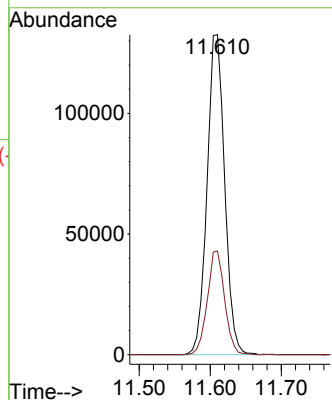
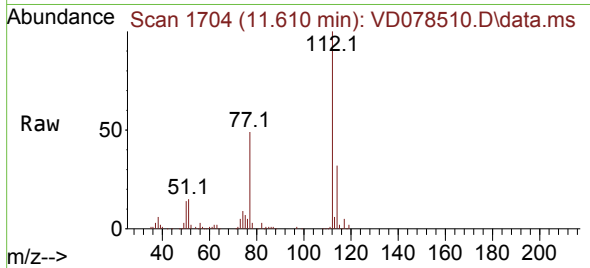




#65
Chlorobenzene
Concen: 58.839 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

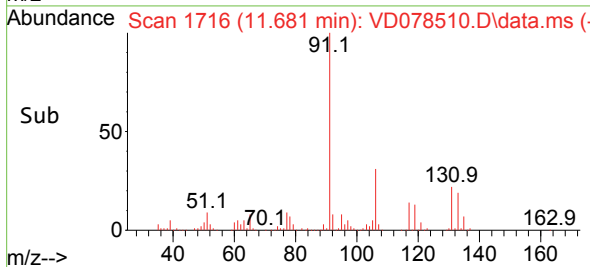
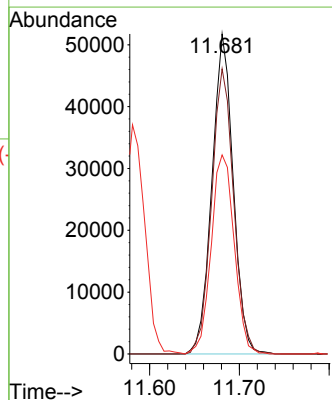
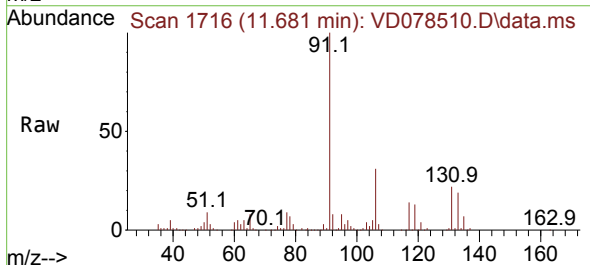
Instrument :
MSVOA_D
ClientSampleId :

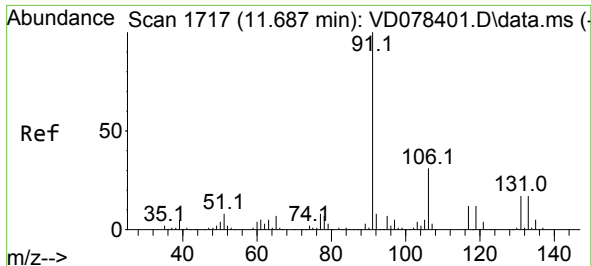
Tgt Ion:112 Resp: 228671
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 59.675 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion:131 Resp: 85229
Ion Ratio Lower Upper
131 100
133 92.3 48.5 145.5
119 67.4 35.6 106.9

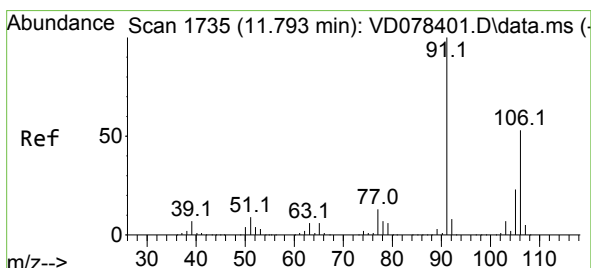
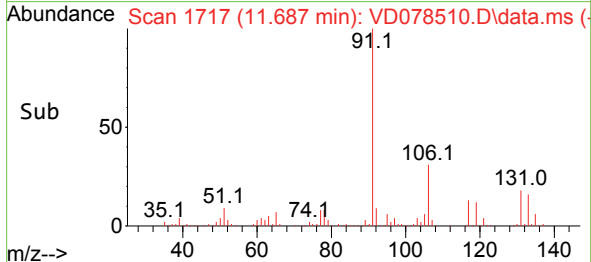
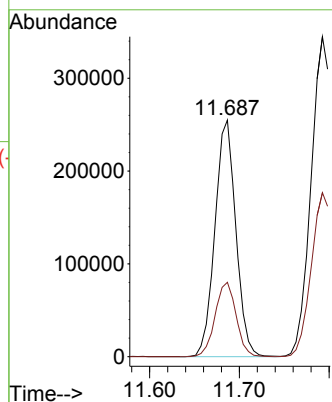
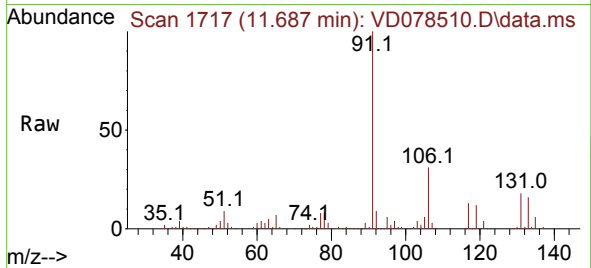




#67
Ethyl Benzene
Concen: 59.243 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

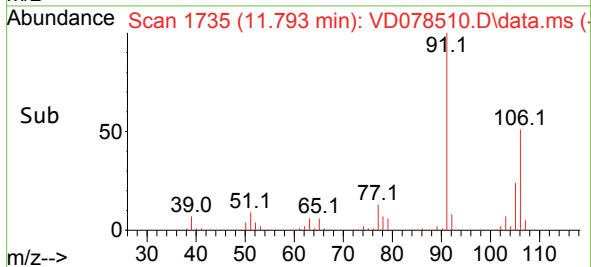
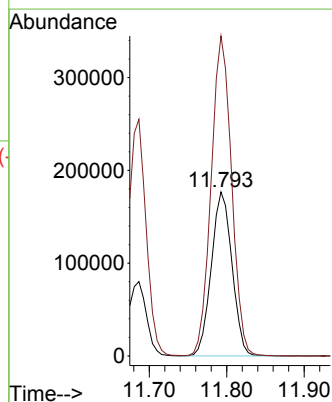
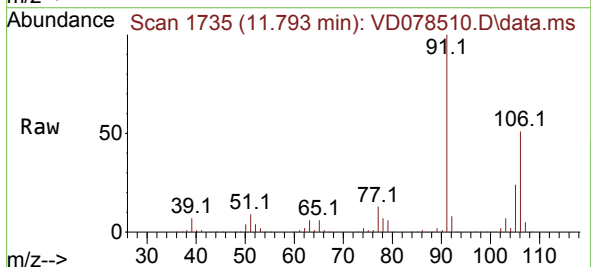
Instrument :
MSVOA_D
ClientSampleId :

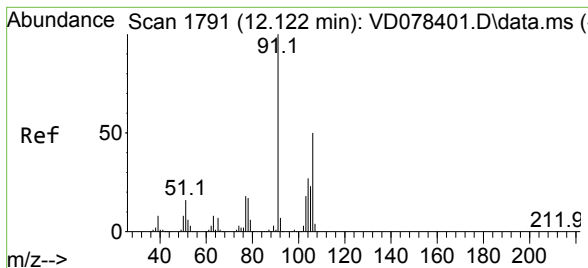
Tgt Ion: 91 Resp: 412533
Ion Ratio Lower Upper
91 100
106 31.5 26.5 39.7



#68
m/p-Xylenes
Concen: 120.498 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion:106 Resp: 327292
Ion Ratio Lower Upper
106 100
91 193.2 147.0 220.6





#69

o-Xylene

Concen: 60.467 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

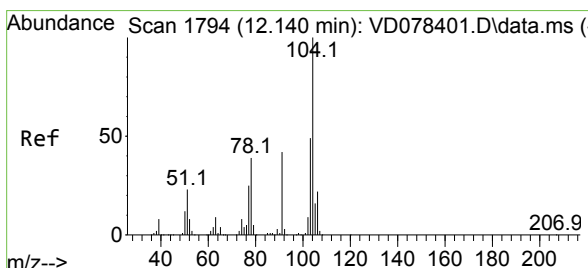
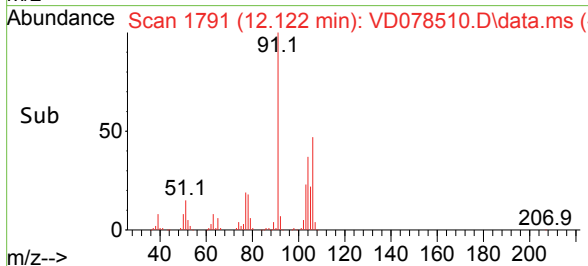
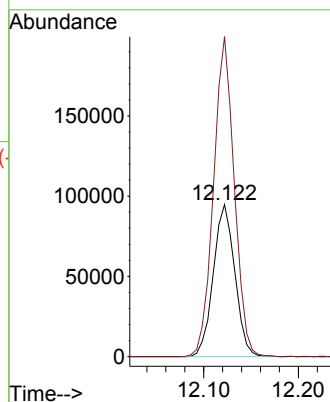
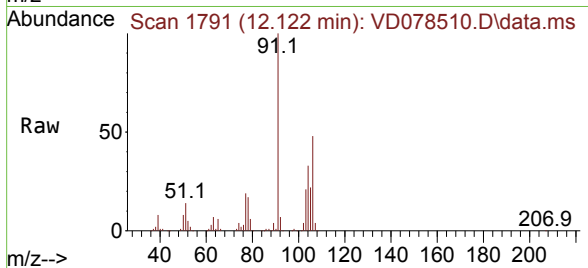
ClientSampleId :

Tgt Ion:106 Resp: 149879

Ion Ratio Lower Upper

106 100

91 202.7 97.9 293.6



#70

Styrene

Concen: 57.023 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

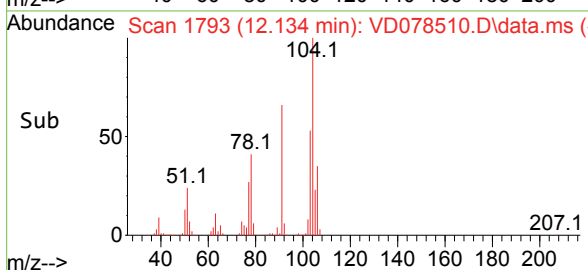
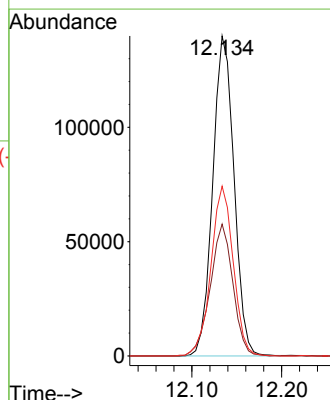
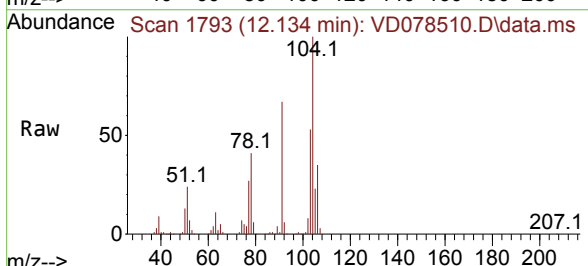
Tgt Ion:104 Resp: 230675

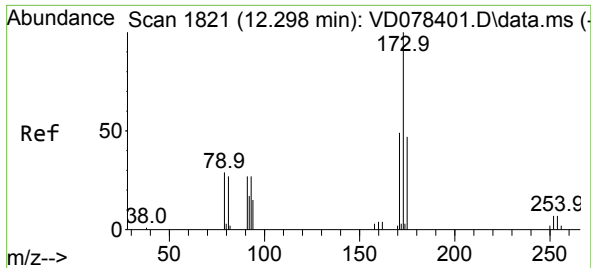
Ion Ratio Lower Upper

104 100

78 43.8 33.2 49.8

103 55.5 43.6 65.4

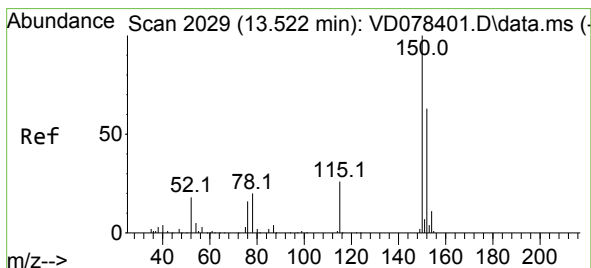
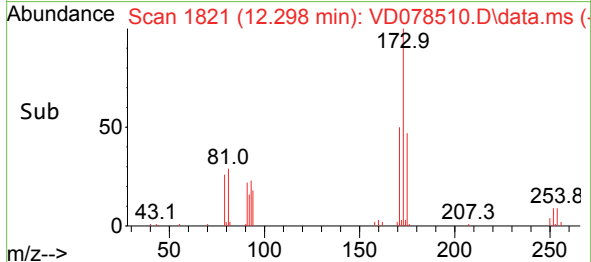
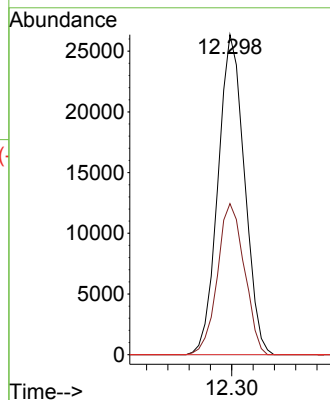
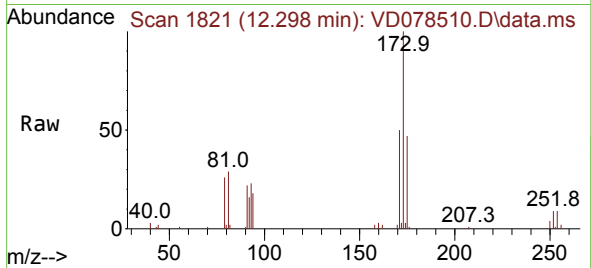




#71
Bromoform
Concen: 60.439 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

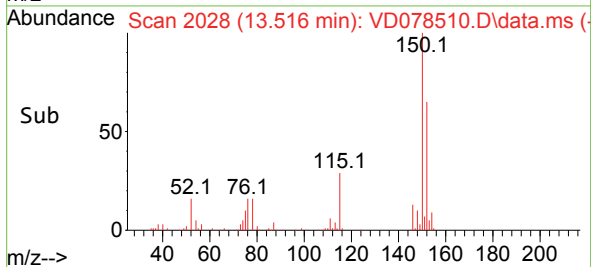
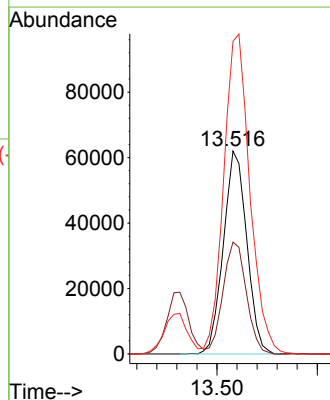
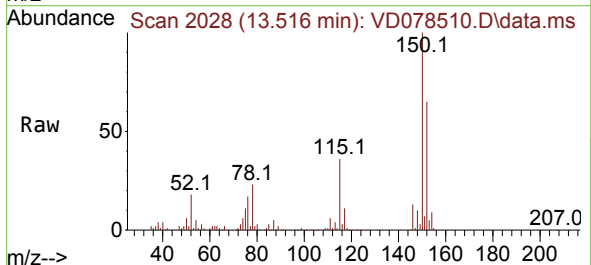
Instrument :
MSVOA_D
ClientSampleId :

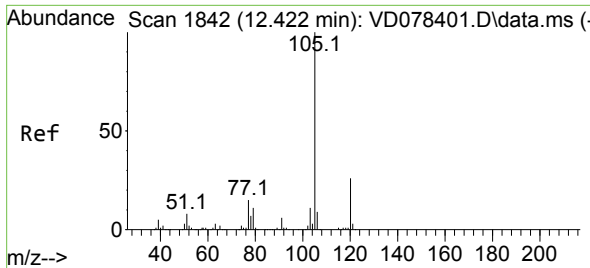
Tgt Ion:173 Resp: 45434
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

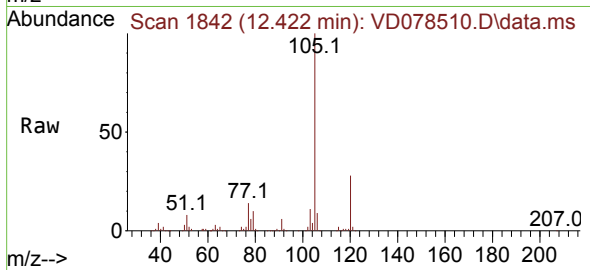
Tgt Ion:152 Resp: 100634
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 176.3 0.0 353.6



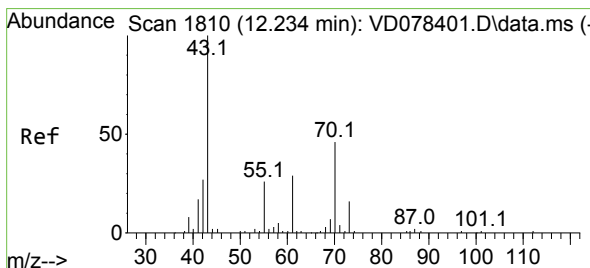
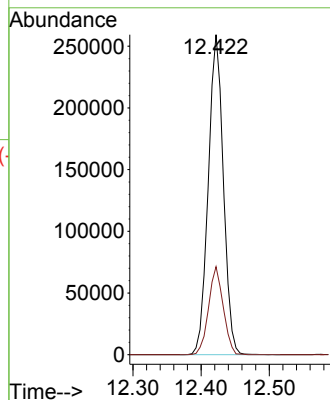
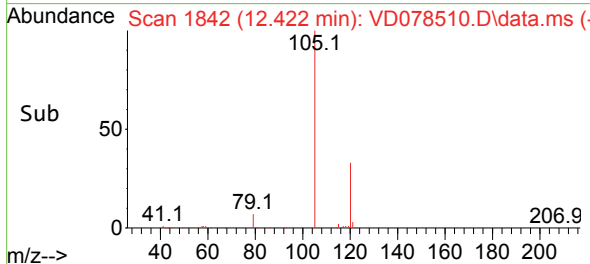


#73
Isopropylbenzene
Concen: 59.101 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Instrument :
MSVOA_D
ClientSampleId :

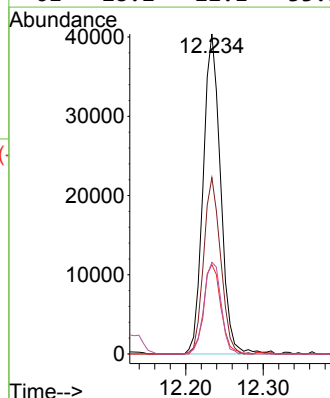
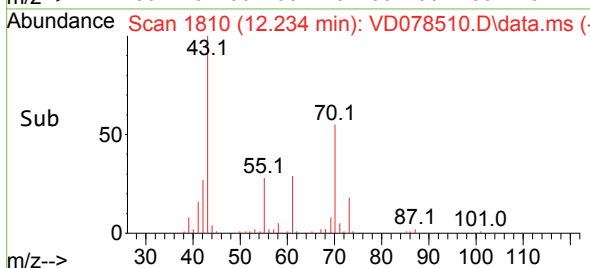
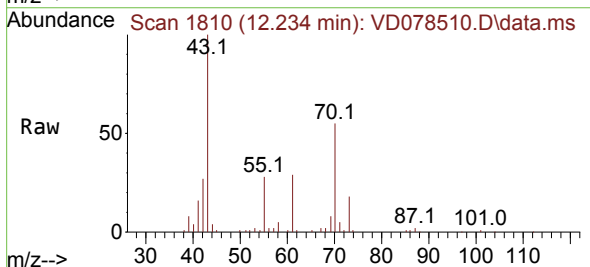


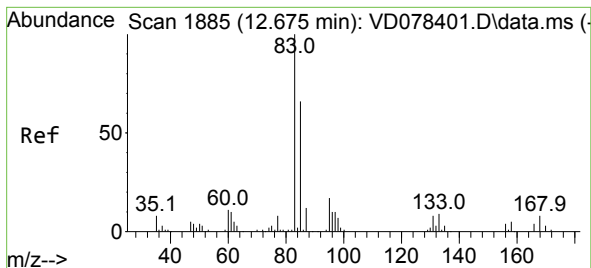
Tgt Ion:105 Resp: 399371
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 49.373 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 43 Resp: 63118
Ion Ratio Lower Upper
43 100
70 53.4 45.0 67.4
55 27.4 23.8 35.6
61 28.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.219 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :

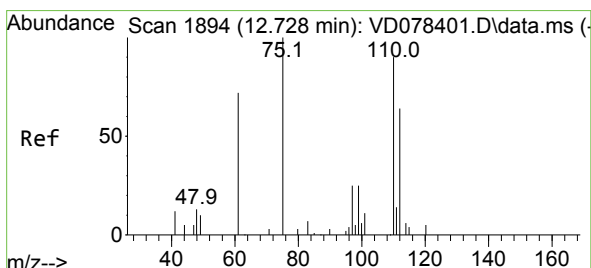
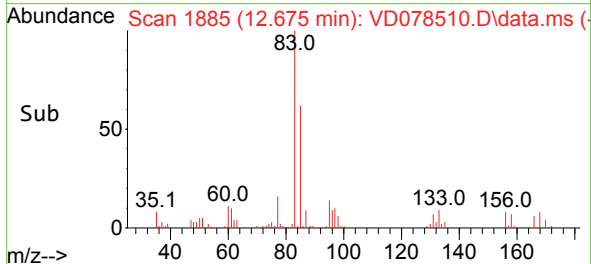
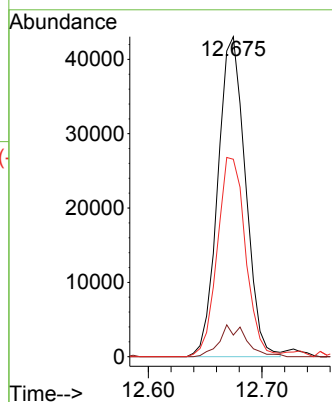
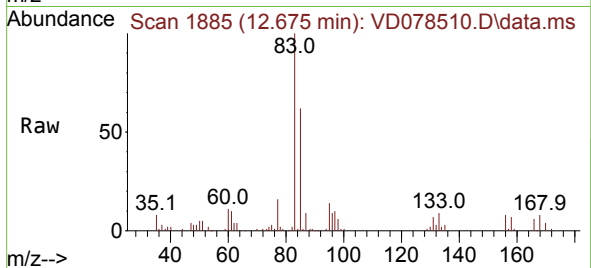
Tgt Ion: 83 Resp: 72678

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 63.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 98.693 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078510.D

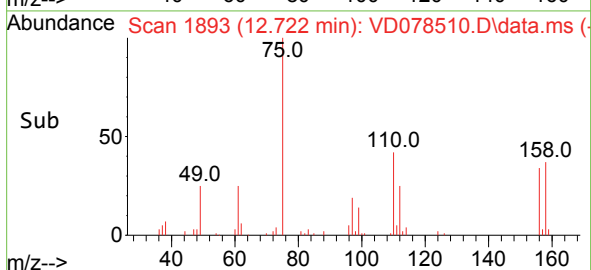
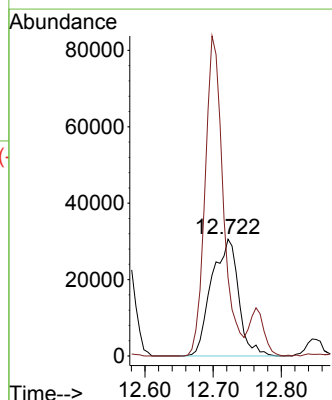
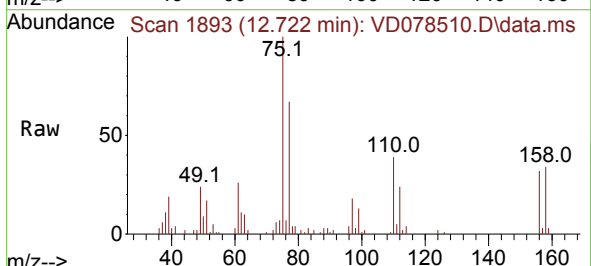
Acq: 22 Feb 2024 11:44

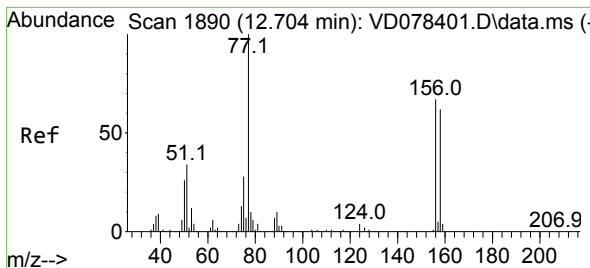
Tgt Ion: 75 Resp: 84319

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 58.627 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :

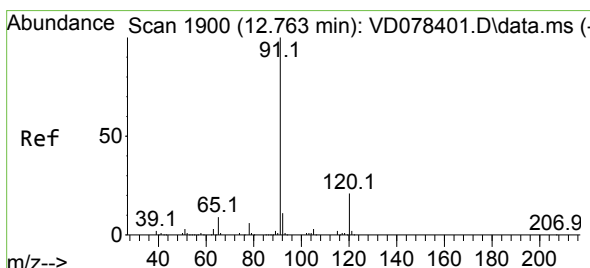
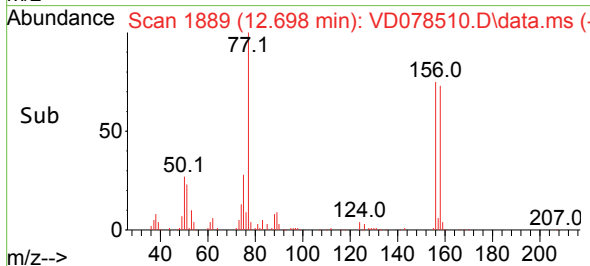
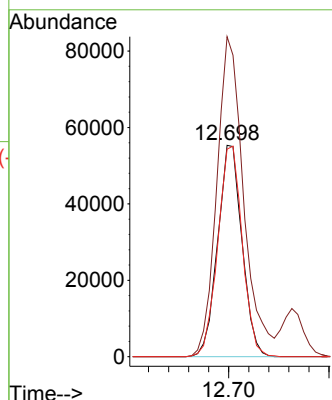
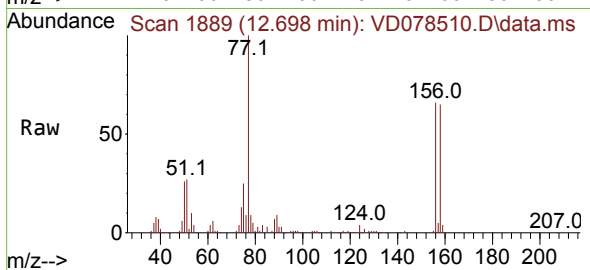
Tgt Ion:156 Resp: 93105

Ion Ratio Lower Upper

156 100

77 167.0 76.8 230.4

158 100.0 48.6 145.9



#78

n-propylbenzene

Concen: 57.069 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078510.D

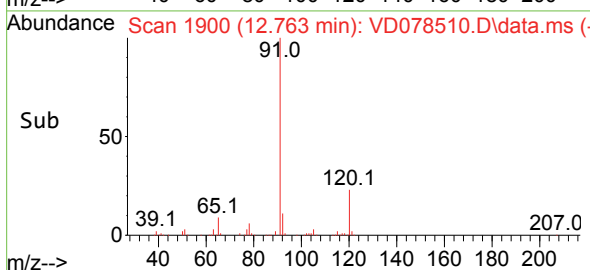
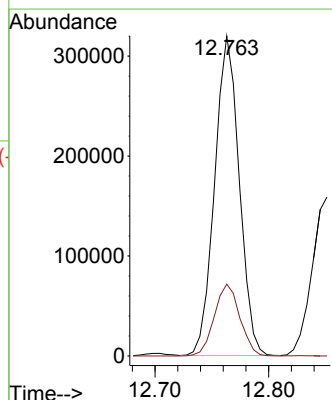
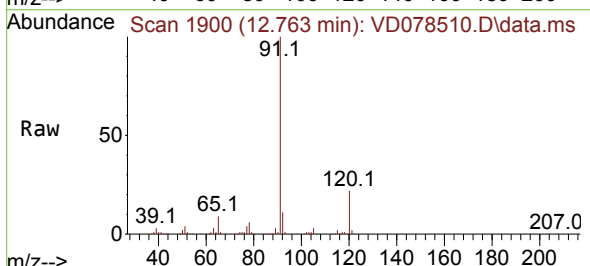
Acq: 22 Feb 2024 11:44

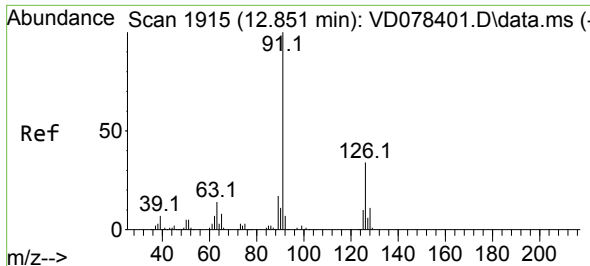
Tgt Ion: 91 Resp: 480580

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

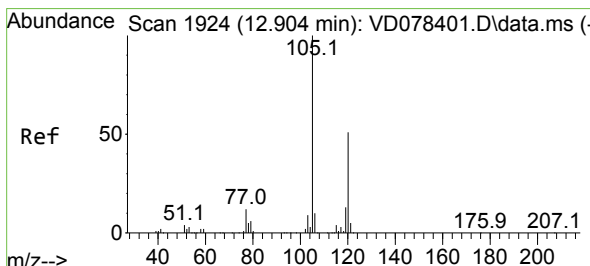
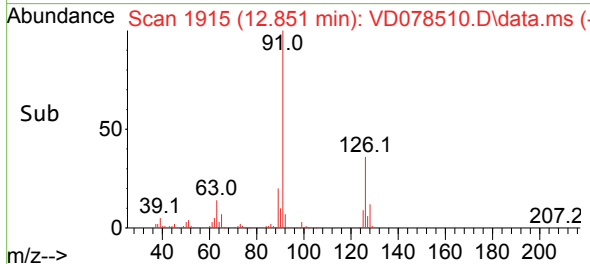
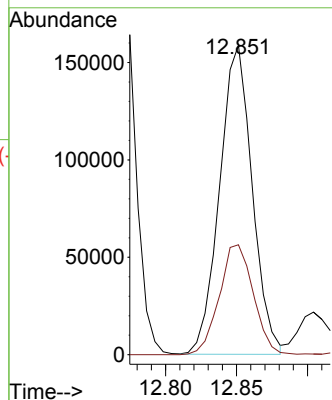
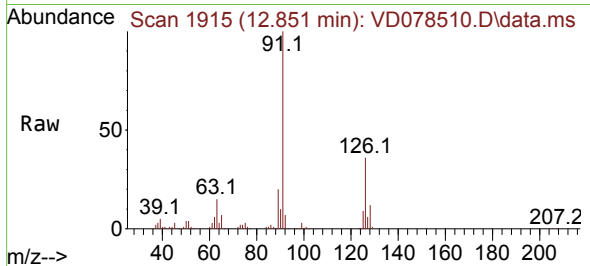




#79
2-Chlorotoluene
Concen: 56.152 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

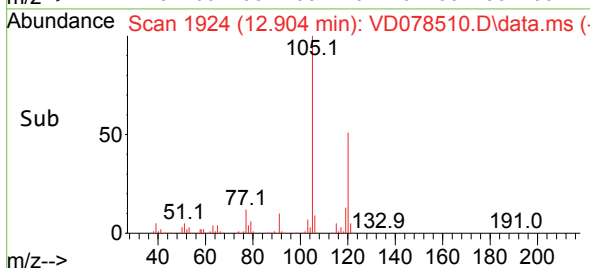
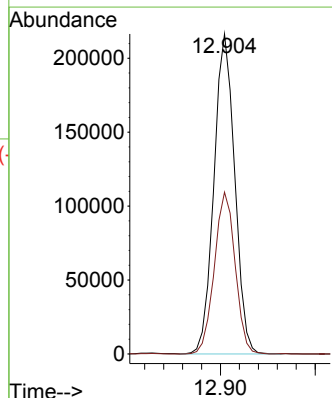
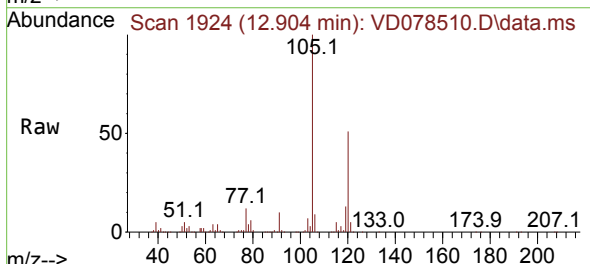
Instrument :
MSVOA_D
ClientSampleId :

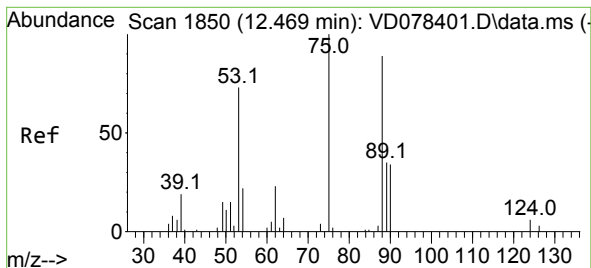
Tgt Ion: 91 Resp: 253265
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 58.752 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 105 Resp: 329665
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2

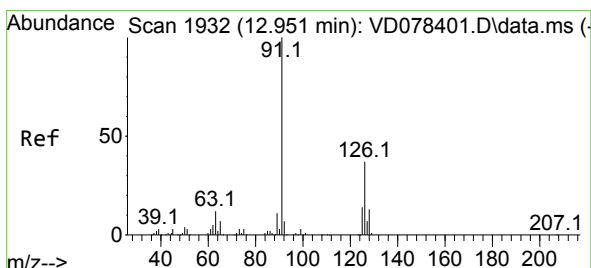
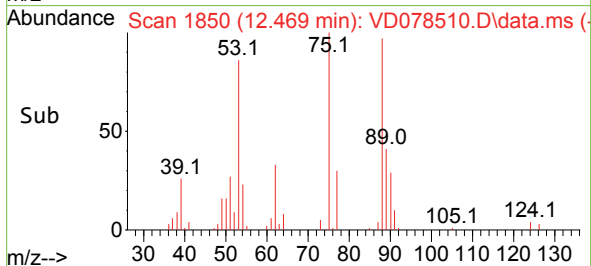
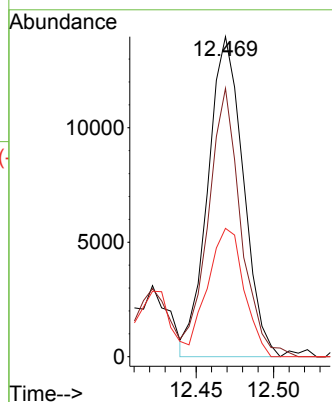
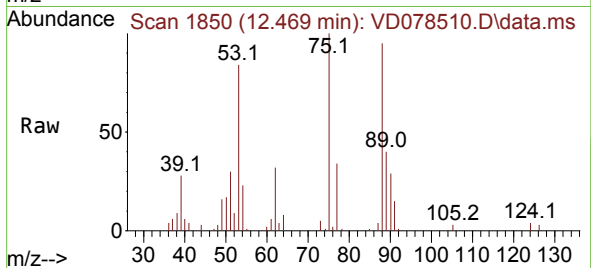




#81
trans-1,4-Dichloro-2-butene
Concen: 53.835 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

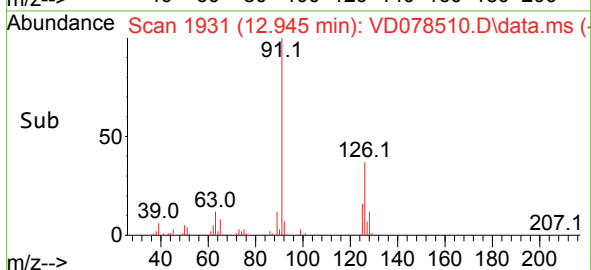
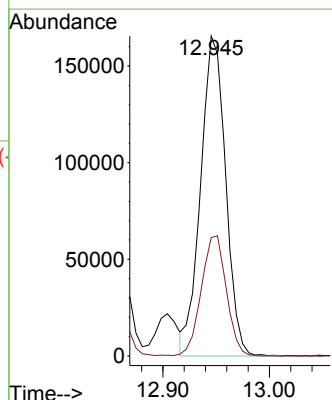
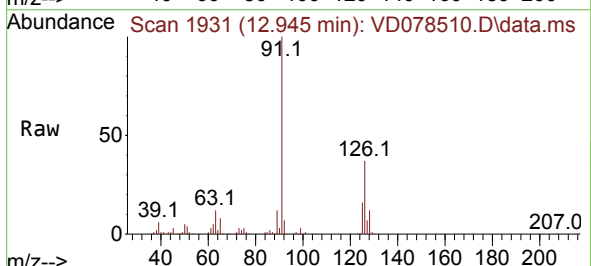
Instrument :
MSVOA_D
ClientSampleId :

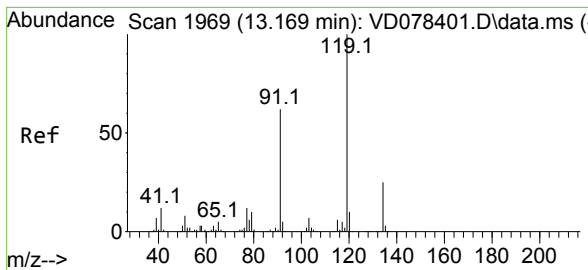
Tgt Ion: 75 Resp: 22155
Ion Ratio Lower Upper
75 100
53 77.4 63.0 94.4
89 40.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 55.915 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

Tgt Ion: 91 Resp: 270863
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.4

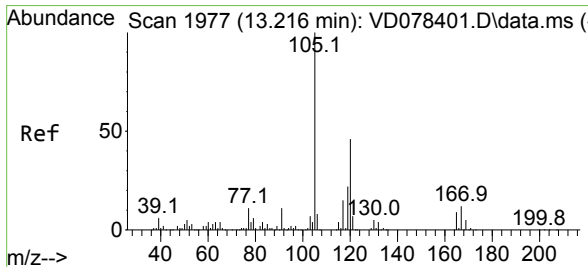
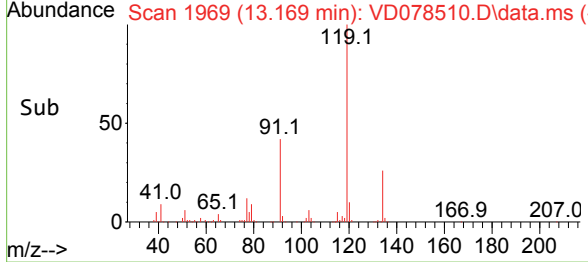
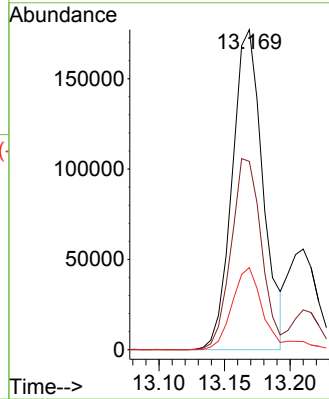
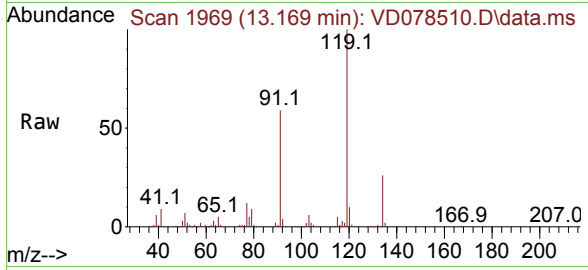




#83
 tert-Butylbenzene
 Concen: 61.132 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

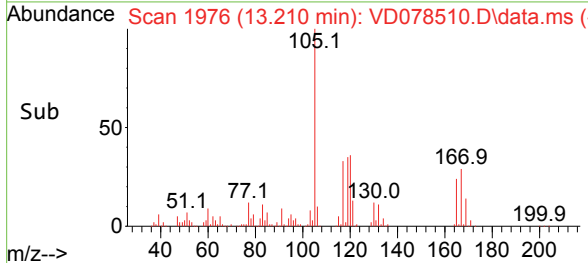
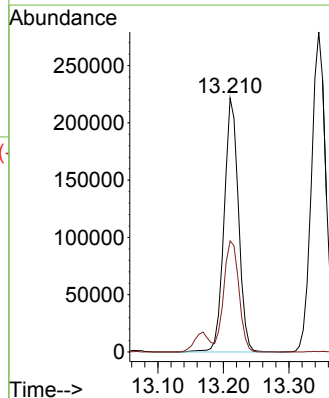
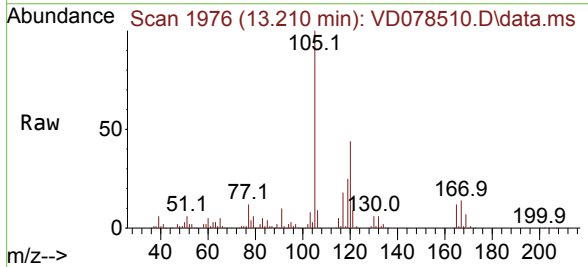
Instrument :
 MSVOA_D
 ClientSampleId :

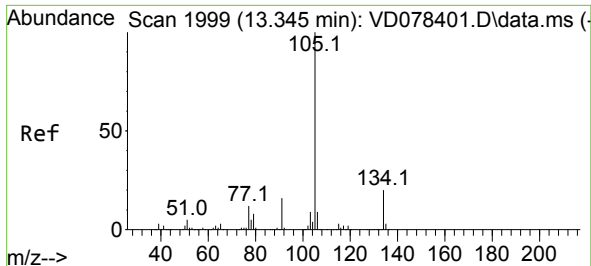
Tgt Ion:119 Resp: 289289
 Ion Ratio Lower Upper
 119 100
 91 58.8 29.3 87.8
 134 27.0 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 58.996 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

Tgt Ion:105 Resp: 335966
 Ion Ratio Lower Upper
 105 100
 120 45.9 24.3 72.9

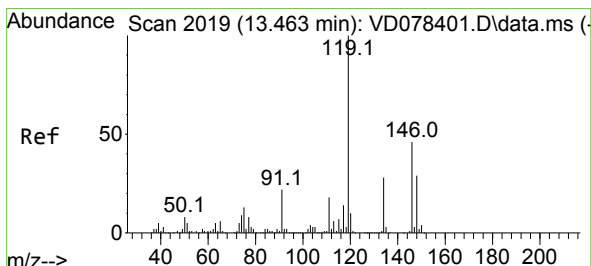
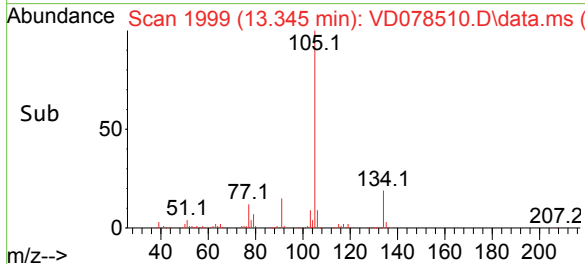
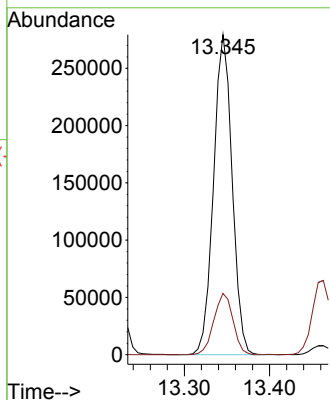
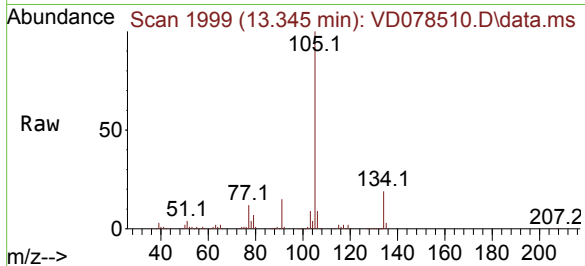




#85
 sec-Butylbenzene
 Concen: 57.778 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

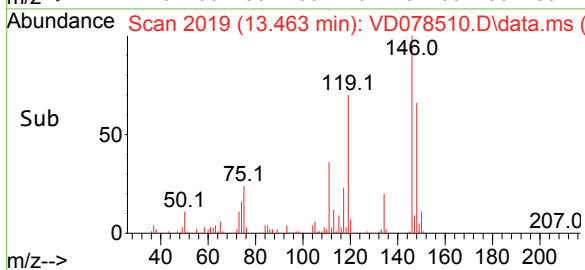
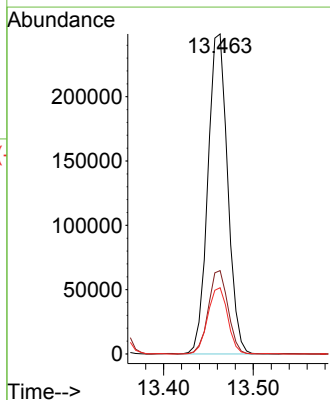
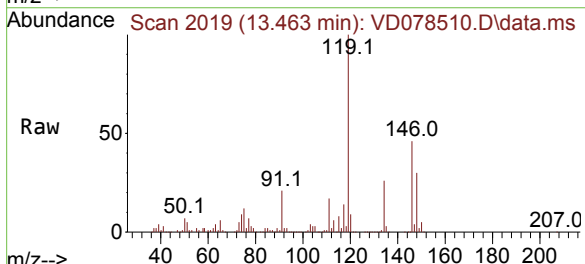
Instrument :
 MSVOA_D
 ClientSampleId :

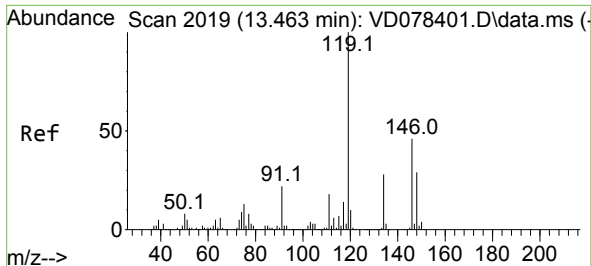
Tgt Ion:105 Resp: 424032
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 60.826 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078510.D
 Acq: 22 Feb 2024 11:44

Tgt Ion:119 Resp: 380216
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 21.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 57.664 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :

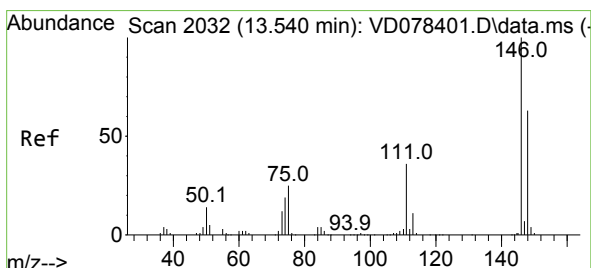
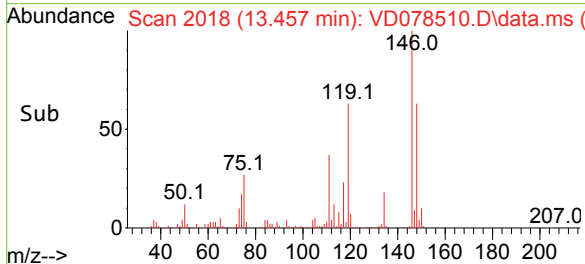
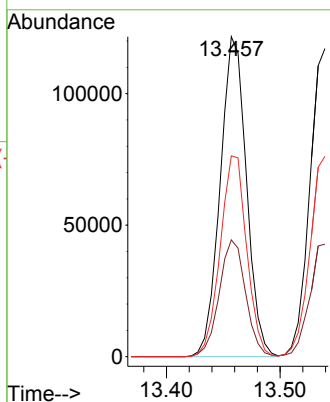
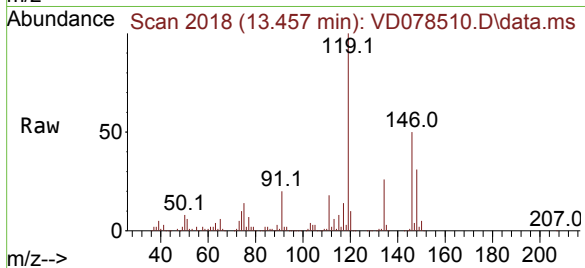
Tgt Ion:146 Resp: 195451

Ion Ratio Lower Upper

146 100

111 36.8 17.9 53.8

148 63.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 57.011 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

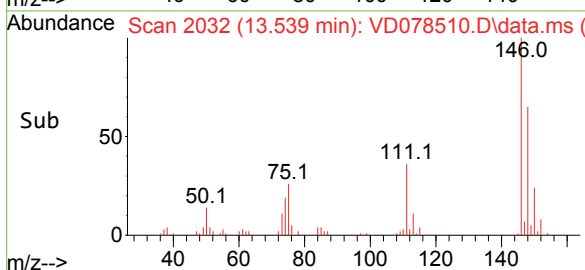
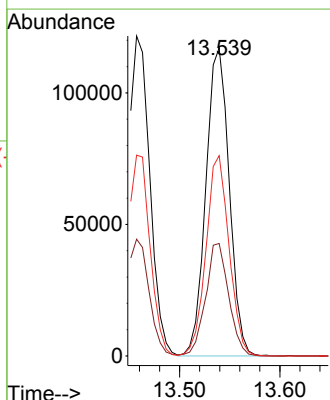
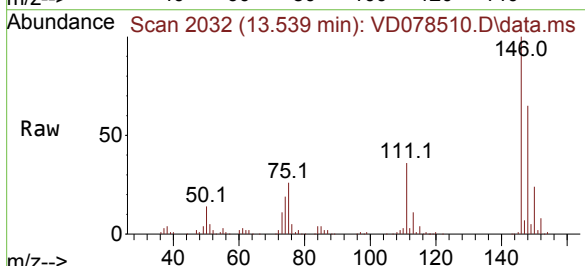
Tgt Ion:146 Resp: 189869

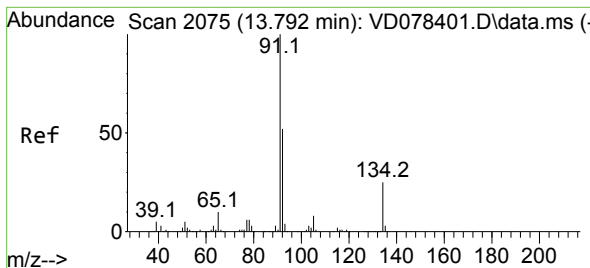
Ion Ratio Lower Upper

146 100

111 36.1 17.4 52.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 57.521 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :

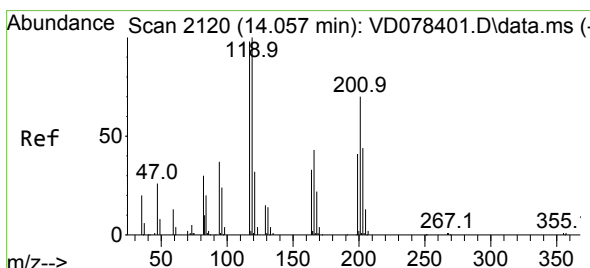
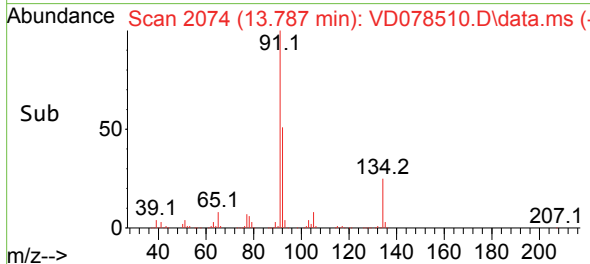
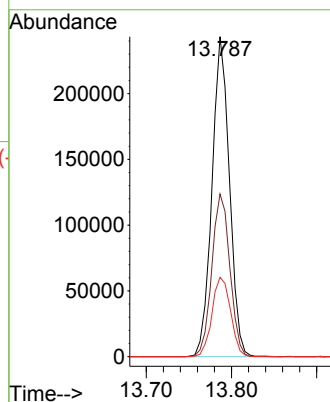
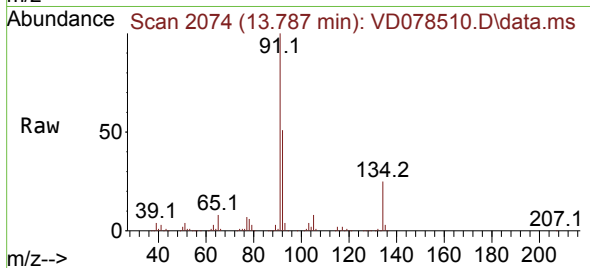
Tgt Ion: 91 Resp: 346567

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

134 26.4 13.8 41.3



#90

Hexachloroethane

Concen: 56.368 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078510.D

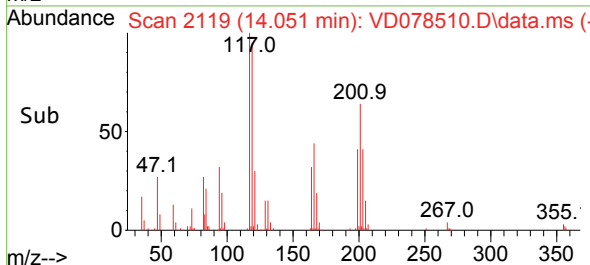
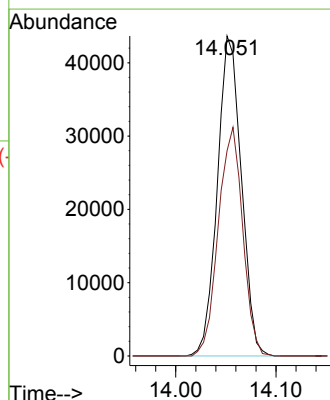
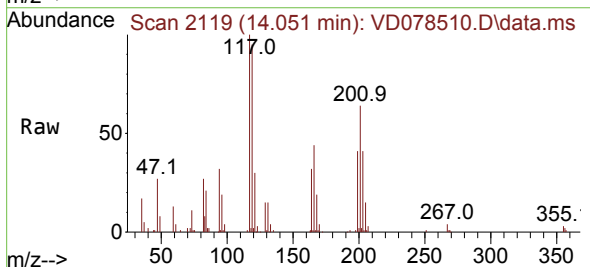
Acq: 22 Feb 2024 11:44

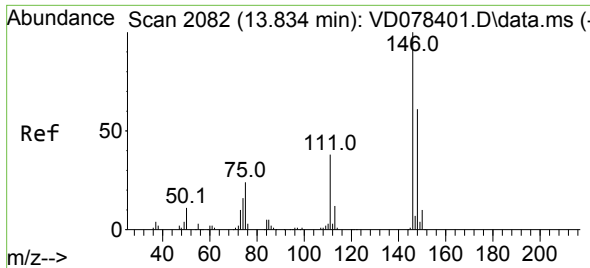
Tgt Ion: 117 Resp: 72420

Ion Ratio Lower Upper

117 100

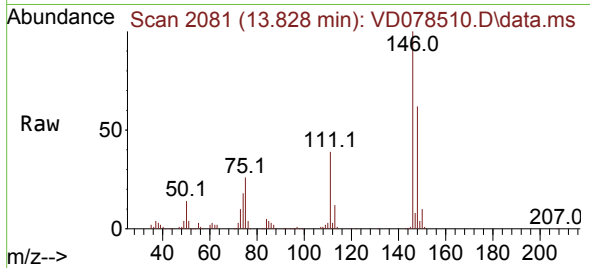
201 72.5 38.5 115.5



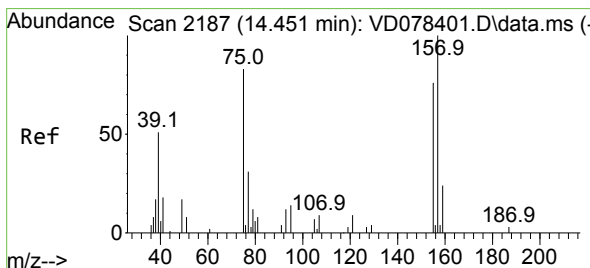
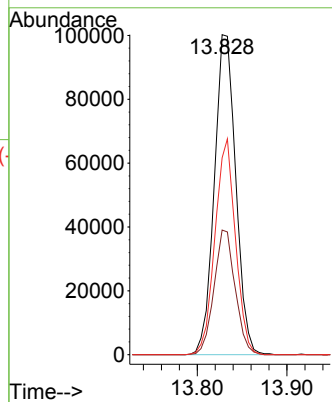
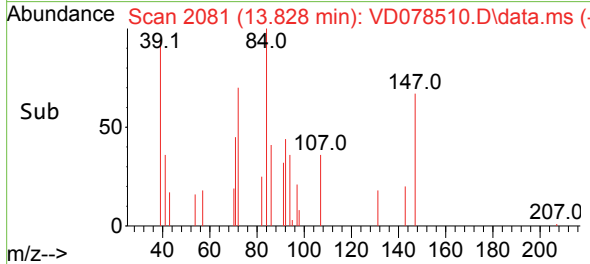


#91
1,2-Dichlorobenzene
Concen: 58.470 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

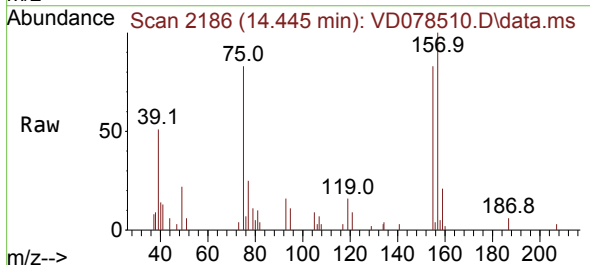
Instrument :
MSVOA_D
ClientSampleId :



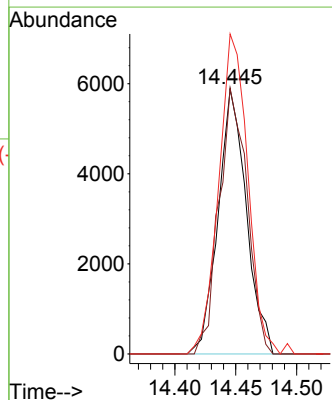
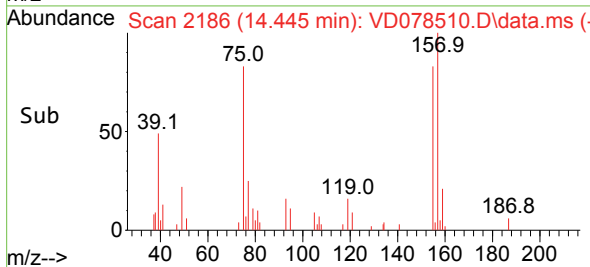
Tgt Ion:146 Resp: 166421
Ion Ratio Lower Upper
146 100
111 38.3 18.3 54.8
148 64.4 31.6 94.7

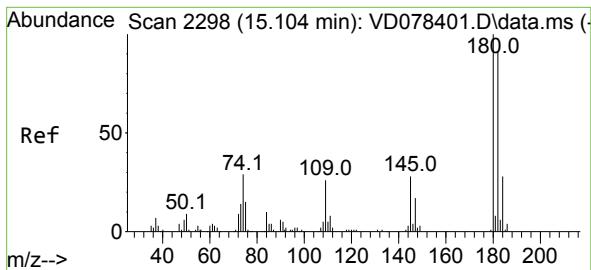


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.097 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44



Tgt Ion: 75 Resp: 9495
Ion Ratio Lower Upper
75 100
155 99.9 47.9 143.8
157 125.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 59.019 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

Instrument :

MSVOA_D

ClientSampleId :

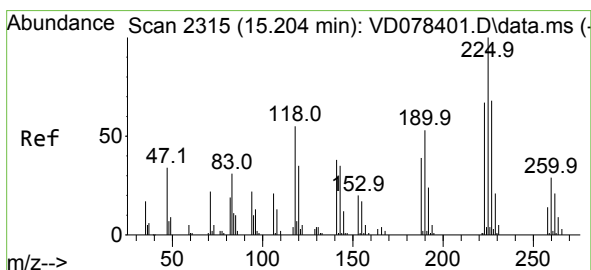
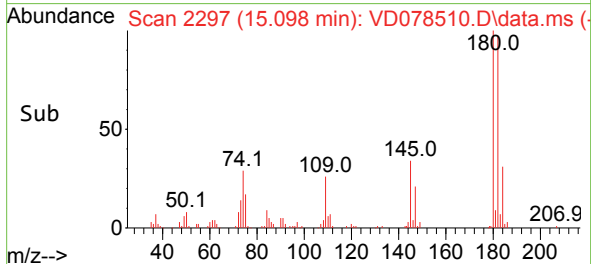
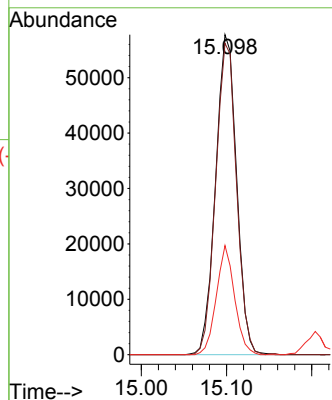
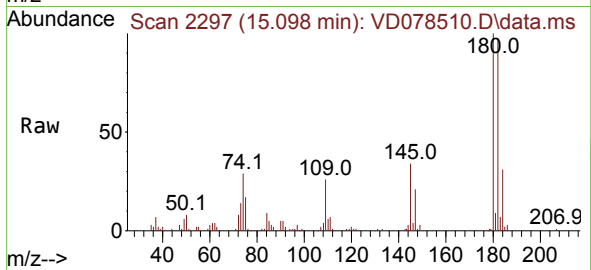
Tgt Ion:180 Resp: 98725

Ion Ratio Lower Upper

180 100

182 96.5 48.5 145.6

145 29.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 59.481 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078510.D

Acq: 22 Feb 2024 11:44

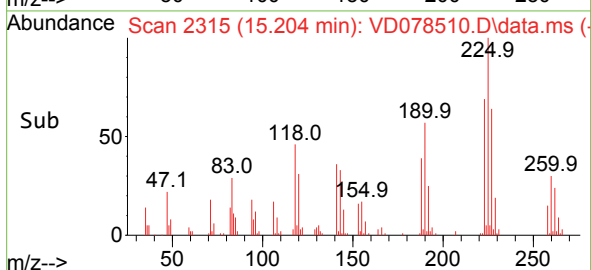
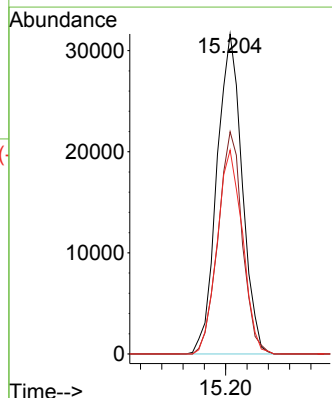
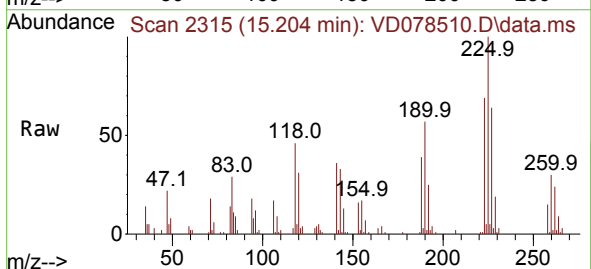
Tgt Ion:225 Resp: 51934

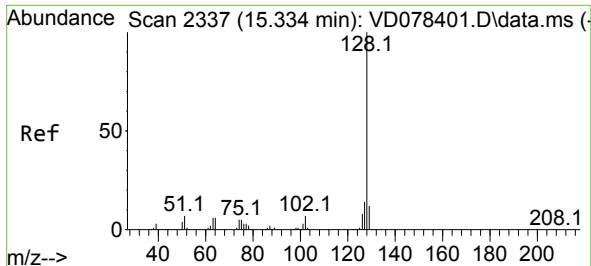
Ion Ratio Lower Upper

225 100

223 66.9 31.6 94.8

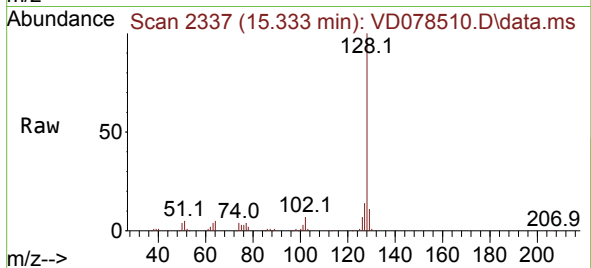
227 64.2 31.7 95.1



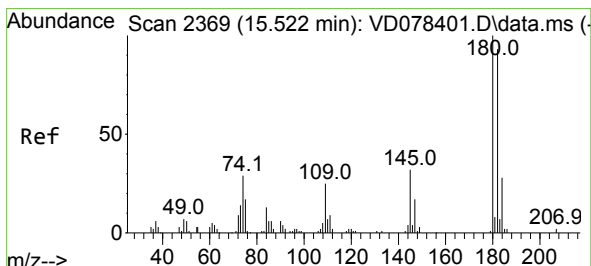
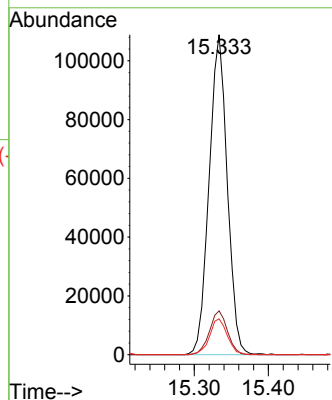
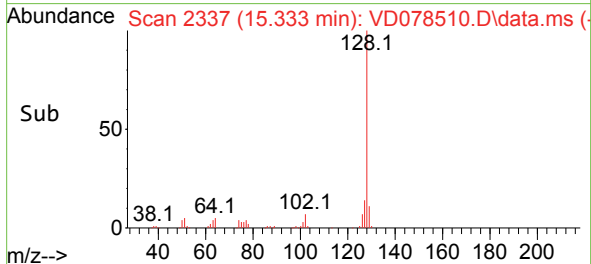


#95
Naphthalene
Concen: 59.660 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44

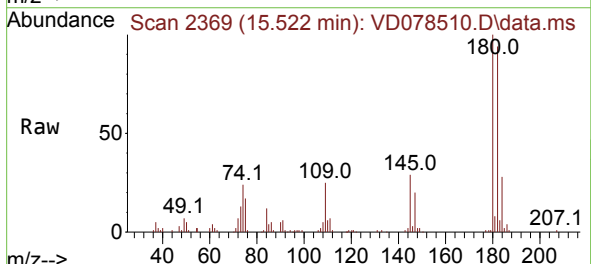
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 185098
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 62.477 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078510.D
Acq: 22 Feb 2024 11:44



Tgt Ion:180 Resp: 88572
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 30.7 15.1 45.3

